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JAN 10 2000



Vol. 45 No. 9

Five Sections

Lancaster Farming, Saturday, January 1, 2000

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60¢ Per Copy

Some View Past Year As One Of Opportunity; For Others, It Was 1999 Nightmare

ANDY ANDREWS
Lancaster Farming Staff
EPHRATA (Lancaster Co.) —
For some, 1999 may go down in

history as a year of records and of hope. The year began with a record price paid for a Farm Show animal and ended with a renewed commit-

ment by the states and counties for farmland preservation.

But for most, the year will be remembered mostly for its disappointment and despair.

How did we survive 1999?
Partnering. With help from our family, friends, legislators, and the

organizations that represent farmers.

Hog producers, still reeling from the lowest prices ever, saw little if any real recovery. Late 1998 saw hog prices drop lower than they were after World War II. Grain producers were looking at

some of the most dismal prices ever for corn and soybeans.

The winter, another mild one, meant to producers a drought that began in 1998 would continue for some until flooding from a hurri-

(Turn to Page A26)



Curtis Day of Shippensburg will be one of three to judge the first-ever dairy show of the new millennium at the 2000 Pennsylvania Farm Show. Photo by Jayne Sebright

Farm Show Dairy Judge Enjoys Both Sides Of The Ring

JAYNE SEBRIGHT
Lancaster Farming Staff

SHIPPENSBURG (Franklin Co.) — When Curtis Day of Shippensburg first exhibited in the dairy show at Pennsylvania Farm Show, he recalls thinking, "Wow, wouldn't it be exciting to judge this show sometime."

Now, 42 years later, he is getting that chance. Day will be judging more than 160 Holsteins and 34 Milking Shorthorns on Tuesday at the Farm Show.

While this is the first time he has judged this show, judging is a part of Day's life. In 1960, he won the national 4-H dairy judging contest in Madison, Wi. The next year he traveled to England, met Queen Elizabeth's mother, and won the International 4-H Judging Contest.

Since then, he has judged at shows in 17 different states, including the Eastern National Holstein Show and All-American Dairy Show in Harrisburg.

Day will be joining judges William Schnebly and Michael Health, both from Maryland, to judge the dairy show, which includes 520 head this year. He is looking forward to judging the show and doesn't feel at all pres-

sured by the fact that many of the exhibitors will be his friends and colleagues.

"I promised myself as a kid that if I ever got the opportunity to

(Turn to Page A20)



Century Of Farming

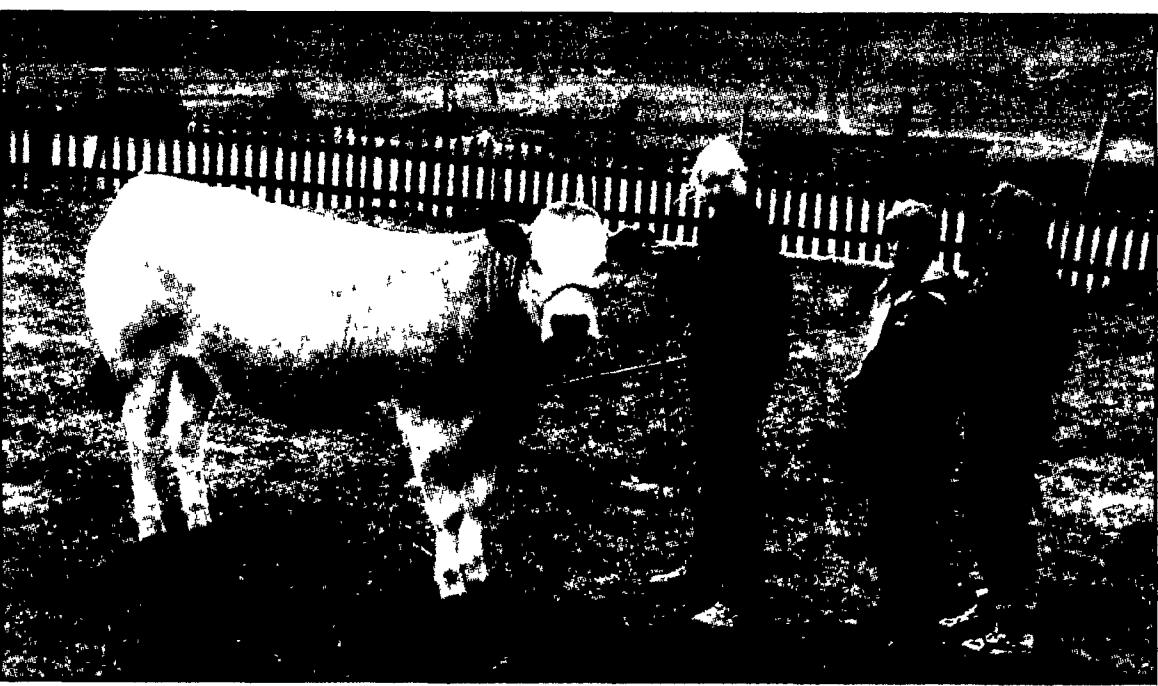
Editor's Note: This summary of agriculture in the 20th Century is adapted from the new pictorial book by the same title published by Lancaster Farming in late 1999. The first printing has already sold out and become a collector's edition. The second printing is scheduled to arrive in the Lancaster Farming office in early February.

EVERETT NEWSWANGER
Editor

As the 20th century began, a new and prosperous era was about to follow. Often called American agriculture's "Golden Age," a period of economic growth

continued through World War I—quite a contrast from the depressive years that followed the Civil War and even as late as 1893. But now one-bottom walking plows were turned in for

(Turn to Page A33)



Cathy Levan holds the halter of her Piedmontese heifer, named Cheyenne, which won reserve junior heifer over all at the North American International Livestock Exposition. Cathy, her brother Jason, and Mom, Shirley, are excited about the potential of the Piedmontese that they raise on their Berks County Meadow Hills Farm. The breed, which originates in Italy, is genetically lower in fat and consistently more tender than other breeds according to USDA tests. Turn to page B16 to read more about the Levans and the unusual Piedmontese breed. Photo by Lou Ann Good.

All-Maryland Holstein Winners

Ehrhardt Astro Jody-ET, the All-Maryland 100,000lb. cow for Kevin Ehrhardt, Baldwin, Maryland, provides the front-page introduction to the photos of all the All-Maryland winners. These photos can be found in the Keystone Farm Show Section this week starting on Page 4.



Keystone Farm Show Section This Issue

You will find the building layout with the corresponding list of exhibitors on Pages 24, 29, 30, and 32, in the special Keystone Farm Show Section this week.

Pennsylvania Farm Show Issue Next Week

The annual Pennsylvania Farm Show issue of Lancaster Farming comes to you next week. More than 250 Keystone Farmer youths have been named this year (the most ever in the memory of our staff) and we have a whole section of profiles and pictures. Also the usual building layouts, exhibitors list, meeting and judging schedules and other stories are included. Lancaster Farming will publish early to get the papers to you on time for the start of the show. Publication deadlines are as follows:

Jan. 8 Issue (Farm Show)

Public Sale Ads: Monday, Jan. 3, 10 a.m.
Sections E and F and Keystone: Friday, Dec. 3.
Section D Classifieds: Tuesday, Jan. 4, 5 p.m.
Farm Equipment Ads: Wednesday, Jan. 5, 9 a.m.
All Other Display Ads: Monday, Jan. 3, 5 p.m.

LANCASTER COUNTY LIVESTOCK MARKET AUCTION

Lancaster Livestock

December 27, 1999

Report Supplied By PDA

CATTLE CALVES HOGS SHEEP GOATS

MONDAY

LAST WEEK

182 55 10 734 415

LAST YEAR

507 41 0 287 249

CATTLE Compared to Thursday, a light, but attractive offering of slaughter steers and heifers sold steady to 50 higher. A thin test of Holstein steers sold fully steady. The cattle market was strong and could have withstood heavier receipts. The slaughter cow market was not fully established, but prices were definitely higher. A plain supply of slaughter bulls sold firm. Supply included 28 percent slaughter steers and 23 percent slaughter cows.

SLAUGHTER STEERS High Choice and Prime 2-4 1295-1390 lbs 71 25-72 50 Choice 2-3 1210-1405 lbs 68 00-71 50 Few Select and low Choice 2-3 1290-1435 lbs 65 00-68 00 Select 1-3 1010-1290 lbs 57 00-63 75

HOLSTEIN STEERS Choice, few Prime 2-3 1335-1685 lbs 57 75-60 00, indiv 1285 lbs 62 25 Few Select and low Choice 2-3 1635-1715 lbs 55 75-56 75

SLAUGHTER HEIFERS High Choice and Prime 2-4 1210-1380 lbs 69 75-70 75, indiv 1380 lbs 72 25 Choice 2-3 1130-1300 lbs 67 75-68 25 Select 1-3 925-1295 lbs 55 50-61 00

SLAUGHTER COWS Breakers 75-80 pct lean 38 25-41 25 Boners 80-85 pct lean 38 00-39 25 Lean 85-90 pct lean 34 50-37 75, low dressing down to 31 00 and high dressing up to 39 50

SLAUGHTER BULLS Yield Grade 1 1205-1690 lbs 48 50-52 00, outstanding black 1590 lbs 60 00 Yield Grade 2 1440-2260 lbs 41 25-48 50 Bullocks Select 1-3 970-1270 lbs 48 00-54 50

FEEDER HEIFERS Medium 1-2 package (blacks) 591 lbs 68 00 SLAUGHTER CALVES Good and Choice few 200-250 lbs 80 00-90 00, 350-550 lbs 65 00-75 00

SHEEP Compared to last week, slaughter lambs sold steady to 5 00 lower as the seasonal holiday demand starts to weaken. Slaughter ewes sold firm to 2 00 higher.

SLAUGHTER LAMBS New Crop Choice and Prime 2-3 30-45 lbs 100 00-110 00 Woolled Choice and Prime 2-3 60-80 lbs 95 00-105 00, 80-90 lbs 85 00-95 00, 90-110 lbs 82 00-85 00, 110-140 lbs 78 00-82 00

SLAUGHTER EWES Utility and Good 1-3 30 00-42 00 Aged Bucks few 200-240 lbs 40 00

GOATS All goats sold by the head. Billies Large 110 00-140 00 Mutton-Few Choice and Prime 72 00-78 00 Nannies Large 50 00-60 00 Medium 38 00-42 00 Yearlings Choice and Prime 35 00-90 00 Kids Choice and Prime 48 00-65 00 Good 35 00-40 00

Vintage Livestock

Vintage, Pa.

December 27-28, 1999

Report Supplied By PDA

CATTLE CALVES SHEEP GOATS

THIS WEEK

895 889 0 0

LAST WEEK

886 879 1 4

LAST YEAR

698 967 1 0

CATTLE Compared to Thursday, slaughter steers sold steady to 50 higher. Sales started out rather slow on Monday, but by Tuesday's good offering buyers were aggressive and trading was active. Holstein steer prices were firm and slaughter heifers were not well tested. Slaughter cows sold 50-1 00 higher, instances 200 higher on the big fleshy cows. Slaughter bulls traded fully steady but top quality bulls were not tested. Supply included 37 percent slaughter steers and 55 percent slaughter cows.

SLAUGHTER STEERS High Choice and Prime 2-4 1240-1485 lbs 69 75-73 75, indiv 1300 lbs 74 00 Choice 2-3 1205-1480 lbs 68 00-71 35, high dressing 1-2 up to 73 75, 1480-1515 lbs 67 35-68 25 Select and low Choice 2-3 1210-1515 lbs 65 00-68 75 Select 1-3 945-1245 lbs 63 25-67 10

HOLSTEIN STEERS Choice, few Prime 2-3 1305-1535 lbs 57 75-60 75 Select and low Choice 2-3 1100-1575 lbs 54 00-58 25 Select 1-2 1030-1240 lbs 52 00-55 00

SLAUGHTER HEIFERS Not well tested

SLAUGHTER COWS: PERCENT LEAN WEIGHT BULK

LOW DRESSING

Breakers 75-80 pct lean over-

1400 lbs 40 00-44 75 37 50-40 50

Boners 80-85 pct lean over-

1200 lbs 38 25-42 00 35 50-38 75

Lean (Hi-Yield) 85-88 pct lean

over-1200 lbs 37 50-41 25 34 50-37 50

Lean 88-90 pct lean over-

1000 lbs 34 75-38 00 32 25-35 00

Lean (Light-Wt) 85-90 pct lean 750

-1000 lbs 31 50-35 00 28 00-32 00

SLAUGHTER BULLS Yield Grade

2 1135-2115 lbs 40 75-49 50

CALVES Compared to last week,

veal calves sold 2.00 lower on a very thin test. The cold weather and light snow flurries did not hurt demand for Holstein calves returning to feed, even from buyers outside the local region. Fresh bull calves sold steady to 10 00 higher and Holstein heifers traded mostly steady. Supply included 729 head in the State graded sale and 96 percent of the supply returned to feed.

VEALERS Few Good and Choice 70-110 lbs 20 00-25 00 Standard and low Good 60-90 lbs 10 00-15 00

RETURNED TO FARM Holstein bulls 90-125 lbs 139 00-177 00 Plainer-type bulls 80-115 lbs 73 00-148 00, weaker calves 70-105 lbs 20 00-60 00 Holstein heifers 80-115 lbs 287 00-335 00, 70-80 lbs 110 00-155 00

New Holland Livestock Auction

Thursday, Dec. 23, 1999

Report Supplied By USDA

CATTLE CALVES SH.

THURSDAY

662 464 223 234

LAST WEEK

1478 712 1190 375

LAST YEAR

HOLIDAY

CATTLE Compared to Tuesday, slaughter steers, heifers, and Holstein steers all sold mostly steady. Light holiday receipts helped the market hold its ground, despite only moderate packer demand. Slaughter cows took back early week gains and sold 1 00-2 00 lower. A thin test of slaughter bulls sold firm. Supply included 35 percent slaughter steers and 41 percent slaughter cows.

SLAUGHTER STEERS High Choice and Prime 2-4 1105-1445 lbs 69 50-73 50, individual 1370 lbs 74 25 Choice 2-3 1140-1515 lbs 68 25-71 00 Select and low Choice 2-3 1115-1505 lbs

62 75-68 00, 1505-1590 lbs 60 75-62 00 Select 1-3 985-1470 lbs 58 00-66 75.

HOLSTEIN STEERS Choice, few Prime 2-3 1230-1670 lbs 57 60-62 00 Select and low Choice 2-3 1170-1555 lbs 54 25-57 75 Select 1-2 1170-1505 lbs 52 00-54 50.

SLAUGHTER HEIFERS Few Choice and Prime 2-4 1150-1305 lbs 64 75-68 75 Few Select and low Choice 2-3 1015-1315 lbs 62 00-65 00

SLAUGHTER COWS: PERCENT LEAN WEIGHT BULK

LOW DRESSING

Breakers 75-80 pct lean over-

1400 lbs 39 00-42 75 36 50-39 50

Boners 80-85 pct lean over-

1200 lbs 37 00-40 75 35 00-37 75

Lean (Hi-Yield) 85-88

over-1200 lbs 36 75-37 50

Lean 88-90 pct lean over-

1000 lbs 34 75-38 00 32 25-35 00

Lean 85-90 pct lean 750

over-1000 lbs 31 50-35 00 28 00-32 00

SLAUGHTER BULLS Few Yield

Grade 1 1425-1965 lbs 49 00-53 75 Few

Yield Grade 2 1255-2275 lbs 42 50-46 00

CALVES Compared to Monday's

auction, demand for veal calves was very

good and prices were firm to as much as

12 00 higher. Slaughter calves were not

fully tested. Trading was very active for

Holstein bull calves returning to feed with

prices setting record highs for the year.

Fresh bulls sold as much as 35 00 higher.

Holstein heifer prices were 30 00-50 00

lower on a light test. Supply included

289 head in the State graded sale and 95

percent returned to feed.

VEALERS: Good and Choice 70-110

lbs 25 00-42 00 Standard and low Good

60-90 lbs 11 00-29 00.

SLAUGHTER CALVES: Few Good

and Choice 200-360 lbs 75 00-85 00.

RETURNED TO FARM Holstein

bulls 90-125 lbs 160 00-190 00; 80-90 lbs

90 00-95 00 Plainer-type bulls 95-125 lbs

150 00-165 00, 80-95 lbs 35 00-95 00

Holstein heifers 85-110 lbs 240 00-310 00.

Some markets
not available due
to the holiday

Plainer heifers 85-130 lbs 130 00-230 00, 70-85 lbs 90 00-125 00.

SHEEP Compared to Monday, slaughter lambs and aged sheep were not well tested on a small holiday offering, but prices had a lower undertone.

SLAUGHTER LAMBS New Crop Choice and Prime 2-3 40-70 lbs 110 00-150 00 Woolled Choice and Prime 2-3 80-110 lbs 75 00-100 00, 110-160 lbs 55 00-75 00

SLAUGHTER EWES Good and Choice yearlings and 2 year-olds 35 00-50 00 Utility and Good 1-3 25 00-47 00

GOATS (All sold by the head) Billies Large 100 00-130 00 0 00 Medium and Large 50 00-

Yearlings Choice and Prime 60 00-85 00 Kids Choice and Prime 40 00-75 00 Good 20 00-40 00

Lancaster County Weekly

New Holland, Pa.

Thursday, Dec. 23, 1999

Report Supplied By USDA

CATTLE CALVES

THIS WEEK

1730 1535

LAST WEEK

2846 1829

LAST YEAR

1052 1172

CATTLE: Compared to last week's closing prices, slaughter steers and heifers sold mostly .50 lower. Trading was rather

(Turn to Page A34)



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Auctioneer

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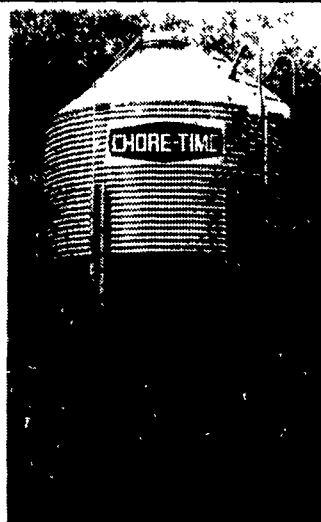
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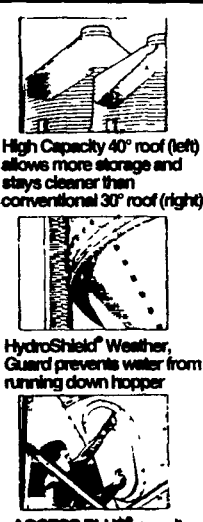
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• MARKET HOGS • BOARS • SOWS • CULL PIGS



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Monday: 6:30-11:00 A.M.

Wednesday: 7:00-11:00 A.M.

Friday: 6:30-10:00 A.M.

Route 897 • 1 Mile North of Fivepointville, Conover, Pa

(717) 445-5776 • Fax (717) 445-6963





Indiana Hogs

Springfield, IL
Tue Dec 28, 1999

USDA-II Market News

Indiana-Ohio Direct Hogs Close

Negotiated sales: 11800 Wk ago: 10400
Yr Ago: Estimated Daily movement:
32500 Wk ago: 26500 Yr Ago 36800 Yes-
terdays actual movement: 38200 Week to
date total movement: 70700 Wk ago:
61900 Yr Ago 75200

Trend: On a carcass basis barrows &
gilts closed steady to .75 lower, mostly
steady. Demand and supplies moderate.

MAJORITY OF TODAY'S SALES (185
lb carcass) Percent Country buying points
Plant Delivered Lean carcass sales live
74% yld carcass sales live 75% yld
51-52.9(1)41.75 -50.44 30.90 - 37.33
42.50 - 50.61 31.88 - 37.96 mostly 47.00
-50.44 34.00 - 36.50 mean 48.47 mean
36.35

BASE MARKET 49-51 PCT LEAN
CARCASS BASIS PLANT DELIV-
ERED.(2) 42.50 - 48.25 WTD AVGNOT
available

Calculated Percent Country buying
points Plant Delivered Lean carcass sales
live 74% yld carcass sales live 75% yld
55-56.9 48.25 -53.59 35.71 - 39.65 49.00 -
53.76 36.75 - 40.32 53-54.9 45.75 -52.29
33.86 - 38.70 46.50 - 52.46 34.88 - 39.35
51-52.9(1)41.75 -50.44 30.90 - 37.33
42.50 - 50.61 31.88 - 37.96 49-50.9 39.75
-49.36 29.42 - 36.53 40.50 - 49.53 30.38 -
37.15 47-48.9 37.75 -48.29 27.94 - 35.73
38.50 - 48.46 28.88 - 36.35

Sows: steady to 1.00 higher, instances of
2.00 higher.

US 1-3 300-400 lbs 22.00-24.50
400-500 lbs 25.00-29.00 500-600 lbs
30.00-35.00, few 36.50 few over 600 lbs
33.00-37.50

Boars: under 300 lbs 17.00-19.00; over
300 lbs 7.00-8.00

(1) majority of area hog population aver-
age percent lean (2) Based on individual
packer buying programs. No premiums or
discounts included.

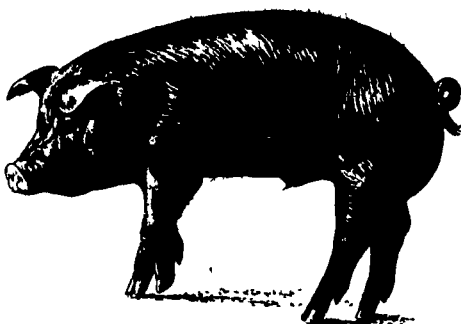


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Jim (717) 249-2359



New Holland

Feeder Pig

NEW HOLLAND, PA

WED DECEMBER 22, 1999

USDA-PA Dept Ag Market News
NEW HOLLAND FEEDER PIG AUCTION
FOR WEDNESDAY DECEMBER
22, 1999

FEEDER PIGS WEDNESDAY 1077
LAST WEEK 718 LAST YEAR 1655

TREND: Compared to last week; feeder
pig prices were not tested, but a large offer-
ing of slaughter pigs sold as much as 30.00
higher. Trading was very active as buyers
have just enough time to take advantage of
holiday demand. The entire supply of
Wednesday's auction was sold for slaugh-
ter. All pigs were weighed and graded on
arrival and sold by the hundred weight.

HEAD WEIGHT PRICE

SLAUGHTER 31 pkg 15 lbs 92.00 239
18-25 lbs 140.

00-180.00 584 25-60 lbs 90.00-142.00 61
60-85 lbs 55.00-94.00 5 100-135 lbs

46.00-52.00 As Is 52 20-25 lbs
105.00-110.00 73 25-170 lbs 20.00-87.00

ALL PIGS CONSIGNED TO WEDNES-
DAY FEEDER PIG SALE MUST ORIGI-
NATE FROM A QUALIFIED NEGA-
TIVE OR MONITORED HERD.

New Holland

Hog Auction

NEW HOLLAND, PA

MON DECEMBER 27, 1999

USDA-PA Dept Ag Market News

NEW HOLLAND HOG AUCTION

FOR MONDAY DECEMBER 27, 1999

HOG RECEIPTS TODAY 785 LAST
WEEK 1090 LAST YEAR 549

BARROWS AND GILTS: Compared to
last week, prices were mostly .50 lower.
49-54 pct lean: 220-280 lbs 36.50-37.50

Few up to 39.25
45-50 pct lean: 210-285 lbs 34.60-36.75

40-45 pct lean: 280-385 lbs 33.25-36.00

SOWS: Prices were 3.00-4.00 higher in
active trading.

US 1-3: 300-500 lbs 24.00-32.00, few
fleshy up to 41.00 500-650 lbs 32.00-35.00

BOARS: 300-700 lbs 8.00-10.00

Diffenbach Auction Center

New Holland, Pa.

Monday, Dec. 27, 1999

Report Supplied By Auction

TOTAL LOADS: 142.

ALFALFA: 127.00-215.00.

MIXED HAY: 80.00-265.00.

TIMOTHY: 135.00-220.00.

CLOVER: 110.00.

BALEAGE: 60.00 BALE.

ORCHARDGRASS: 97.00-192.00.

STRAW: 100.00-130.00.

EAR CORN: 95.00-112.00.

CORN FODDER: 20.00 BALE.

OATS: 2.50 BU.

FIREWOOD: 52.00-65.00 LOAD.

Kirkwood Hay Auction

Kirkwood, Pa.

Tuesday, Dec. 28

Report Supplied By Auction

93 LOADS.

MIXED HAY: 1ST CUTTING

111.00-160.00, 2ND 125.00-150.00.

TIMOTHY: 128.00-200.00.

ALFALFA: 1ST CUTTING

112.00-170.00, 2ND 122.00-156.00, 3RD

139.00-180.00, 4TH 115.00-172.00.

CLOVER: 120.00-132.00.

GRASS: 104.00-160.00.

WHEAT STRAW: 91.00-129.00.

BARLEY STRAW: 90.00-103.00.

RYE STRAW: 90.00-115.00.

SALE DAYS TUES., 10 A.M.

Morrison's Cove Livestock Auction Hay Report

Martinsburg, Pa.

December 27, 1999

Report Supplied by Auction

ALFALFA: 82.50-180.00.

ALFALFA AND GRASS:

150.00-192.50.

GRASS: 115.00-170.00.

TIMOTHY: 125.00-147.50.

MIXED HAY: 95.00-162.50.

ROUND BALES: 40.00-160.00.

STRAW: 85.00-95.00.

CLOVER: 150.00.

ORCHARD GRASS: 130.00-132.50.

WOOD: 18.00-39.00, 1 LOAD AT

70.00.

HAY AUCTION EVERY MON. AT

12:30 P.M.

Weaverland Auction Hay Auction

New Holland, Pa.

Thursday, Dec. 23, 1999

Report Supplied By Auction

78 LOADS.

ALFALFA: 120.00-172.00.

TIMOTHY: 102.00-185.00.

MIXED HAY: 102.00-172.00.

ORCHARD GRASS: 125.00-175.00.

GRASS: 110.00-177.00.

STRAW: 90.00-112.00.

EAR CORN: 108.00-112.00.

FIREWOOD: 40.00-75.00.

BALEAGE: 35.00-40.00 PER BALE.

SALE DAY THURS., 10 A.M.

Middleburg Grain & Hay Auction

Middleburg, Pa.

Tuesday, Dec. 28

Report Supplied by PDA

59 LOADS OF HAY, 102 LOADS

TOTAL

ALFALFA: 15 LOTS, 85.00-140.00.

MIXED HAY: 31 LOTS, 70.00-175.00.

TIMOTHY: 8 LOTS, 80.00-145.00.

ROUND BALES: 3 LOTS, 27.00-31.00.

ORCHARDGRASS: 2 LOTS, 115.00

AND 130.00.

STRAW: 14 LOTS, 45.00-105.00.

EAR CORN: NEW 9 LOTS,

70.00-90.00, OLD 1 LOT 97.50.

FIREWOOD: 13 LOTS, 35.00-75.00.

OATS: 5 LOTS, 2.15-2.60 BU.

Westminster Hay

Westminster, Md.

Tuesday, December 21, 1999

Report Supplied by Auction

235 LOTS.

ALFALFA: 1.15-3.50 BALE.

TIMOTHY: 1.70-5.20 BALE,

23.00-27.00 LARGE ROUND.

CLOVER: 1.60-4.00 BALE, 17.00

LARGE ROUND.

MIXED HAY: 2.60-3.90 BALE.

GRASS: 93.00, 1.10-3.20 BALE,

15.00-31.00 LARGE ROUND.

STRAW: .25-1.90 BALE.

MULCH: .25-.35 BALE.

OATS: 2.50-3.85 BU.

FIREWOOD: 40.00-130.00 CORD.

Hay Market Summary

December 27, 1999

Eastern Pa.

HAY & STRAW MARKET FOR
EASTERN PA. - (ALL HAY GOOD
GRADE AND BETTER. PRICES PAID
BY DEALERS AT THE FARM & PER
TON.) HAY AND STRAW STEADY.

ALFALFA 100.00-140.00, FEW TO
150.00; MIXED HAY 100.00-120.00,
FEW TO 140.00; TIMOTHY
100.00-140.00, STRAW 65.00-80.00;
MULCH 35.00-50.00.

SUMMARY OF LANCASTER CO.
HAY AUCTIONS FOR WEEK ENDING
12/24/99. PRICES PER TON: LOADS:
228 HAY, 53 STRAW & 7 EAR CORN.

ALFALFA 120.00-167.00; MIXED
HAY 120.00-165.00; TIMOTHY
120.00-157.00; STRAW 90.00-125.00;
EAR CORN 100.00-120.00.

SUMMARY OF CENTRAL PA HAY
AUCTIONS FOR WEEK ENDING
12/24/99. PRICES PER TON: LOADS:

248 HAY, 62 STRAW & 17 EAR CORN.
ALFALFA 105.00-165.00; MIXED
HAY 95.00-162.00; TIMOTHY
112.00-165.00, STRAW 70.00-100.00;
EAR CORN 70.00-94.00.

Green Dragon

December 24, 1999

Hay, Straw & Grain

Report Supplied by Auction

TOTAL LOADS: 55.

MIXED HAY: 20 LOTS,
122.00-190.00.

ALFALFA: 6 LOTS, 150.00-167.00.

TIMOTHY: 10 LOTS, 122.00-195.00.

STRAW: 9 LOTS, 110.00-125.00.

EAR CORN: 2 LOTS, 100.00 AND

120.00.

ORCHARDGRASS: 6 LOTS,
101.00-157.00.

FIREWOOD: 85.00 LOAD.

BARLEY: 1.50 BU.

Wolgemuth Hay

Leola, Pa.

Wednesday, Dec. 29, 1999

Report Supplied By Auction

109 LOADS TOTAL

ALFALFA: 110.00-185.00.

MIXED HAY: 62.00-185.00.

TIMOTHY: 125.00-187.00.

GRASS: 110.00-200.00.

STRAW: 90.00-117.00.

CORN: 85.00-111.00.

OATS: 2.25 BU.

FIREWOOD: 25.00 AND 47.00.

VINTAGE SALES STABLES, INC.

NEW MONDAY SALES

AT 10:30 AM

SELLING HEIFERS, BULLS,
STEERS, FEEDER &
BUTCHER COWS

L. ROBERT FRAME, SR., PRESIDENT
BUS (717) 442-4181 BUS (717) 768-8204
HOME (610) 458-8518

FIELD REPS

KENNETH E. HERSHEY (717) 442-4874
LEON HOOVER (717) 354-5835
BUTCH BROWN (717) 626-5394

TUESDAY SALES

10:30 A.M.

SLAUGHTER CATTLE AUCTION
STEERS, BULLS, HEIFERS,
COWS, FEEDER CATTLE

At Approx. 1 PM
Selling Feeders

6:00 P.M.

CALVES, SHEEP, GOATS

*GET CALVES IN EARLY! OUR
STATE GRADER STARTS AT 10:30 A.M.

TRUCKING SERVICE AVAIL-
LOCAL & LONG DISTANCE
(RT. 30, 10 MILES EAST
OF LANCASTER IN
PARADISE, PA)

PENNFIELD DAIRY FEEDS (ALL NATURAL)

#75041 - 16% FLAKE
\$156.67

#75043 - 20% FLAKE
\$171.84

#75071 - 32% PELLET
\$212.93

#75072 - 38% PELLET
\$238.66

Prices are week of 12/27/99 and
include 8 ton volume, mid
week/early order, 4% cash
discount paid 10 days. Prices
are delivered to the farm within
75 miles from Mt. Joy, PA.

PENNFIELD GRAIN BANK

Prices Week Of 01/03/00

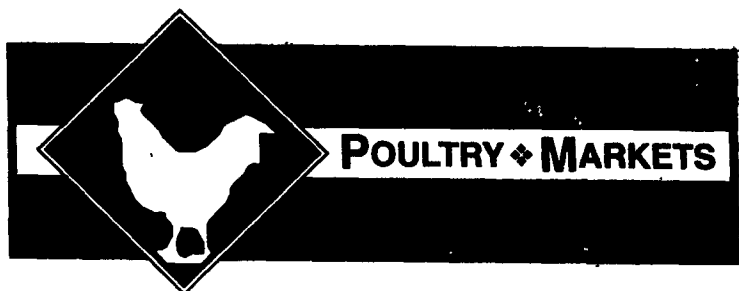
Corn \$2.50 Bu.

Soybeans \$4.63 Bu

Barley \$1.87 Bu

• Use Grain "Same As Cash"

• Prices Updated Weekly



POULTRY ♦ MARKETS

Delmarva Broiler ATLANTA, GA. DECEMBER 28, 1999 DELMARVA BROILER/FRYER MARKET, FEDERAL-STATE

Movement of ready-to-cook whole birds was mostly light. Offerings were adequate to fully adequate with smaller sizes in longest position. Live supplies were moderate with weights light to heavy, mostly desirable to light. Processing schedules were moderately heavy. Less than trucklot

asking prices were unchanged at 55 to 67 cents. Trade sentiment was generally steady. In the parts complex, bone-in breast were barely steady to weak. Leg items were steady. Wings were in good balance. ACTUAL SLAUGHTER WEEK ENDING 12/25/99 WAS 9,503,463 5.17 ESTIMATED SLAUGHTER WEEK OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT 12/28 12/24 12/21 12/17 2,462 (HOLIDAY) (HOLIDAY) 2,435 5.06

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA BRANDED U.S. GRADE A RANGE 53-66 WEIGHTED AVERAGE 57.57 NO. OF BOXES 9,684 *6 of 8 plants reporting.

LANCASTER FARMING ♦♦ STAFF ♦♦

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Lou Ann Good, Staff

Andy Andrews, Staff

Jayne Sebright, Staff

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NY Phil
Frozen Eggs
ATLANTA, GA.
DECEMBER 23, 1999
EASTERN REGION FROZEN EGGS,
DECEMBER 24, 1999. FEDERAL-
STATE
Mostly prices were unchanged when compared to a week earlier. Offerings were adequate for the light and irregular demand. The undertone was mixed but about steady. Liquid and frozen eggs (ingredients included) processed under federal inspection in the Eastern region for the week ending December 18, 1999 were 14% less than last week, and 6% less than a year ago. Shell egg supplies were sufficient for trade needs.

WHOLESALE SELLING PRICES
(CENTS PER POUND IN 30 LB. CONTAINERS)

TRUCKLOTS LTL (MIN. 25 CONT.)
RANGE MOSTLY RANGE
WHOLE 37-43 40-41 47-54 BLENDS
(/) TFEWR 53-65 WHITES 36-40 37-40
42-54 SUGARED YOLKS (MIN 43%
SOLIDS) 50-55 57-64 SALTED YOLKS
(MIN 43% SOLIDS) 45-52 45-50 56-62
(/) - WHOLE PLUS YOLK PLUS
SWEETENER, GENERALLY 28-32%
EGG SOLIDS.

North Atlantic Shell Eggs Dec. 29, 1999 Atlanta, Ga.

Report Supplied By USDA

PRICES CONTINUED UNCHANGED IN ALL SIZES. THE MARKET TONE WAS STEADY. DEMAND WAS MODERATE TO GOOD. SUPPLIES OF ALL SIZES WERE USUALLY ADEQUATE TO WELL-BALANCED. BREAKING STOCK OFFERINGS WERE ADEQUATE FOR THE FAIR DEMAND. SPENT HEN AVAILABILITY WAS FULLY ADEQUATE FOR TRADING NEEDS. PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN: EXTRA LARGE 77-81, LARGE 75-79, MEDIUM 54.5-58.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN. EXTRA LARGE 1.17-1.19, LARGE 1.06-1.08, MEDIUM 63-65.

NEW ENGLAND: PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN. JUMBO 1.22-1.25, EXTRA LARGE .98-1.01, LARGE .87-.90, MEDIUM .44-.47, SMALL .14-.17.

Some Markets Not Available Due To Early Press Deadlines

N.E. Weekly Shell Egg Report

December 28, 1999

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS
DELIVERED STORE DOOR:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.31	1.20	.77	.47
NEW HAMPSHIRE	1.23-1.27	1.12-1.16	.70-.74	.40-.44
MOSTLY	1.25-1.26	1.14-1.15	.72-.73	.42-.43
RHODE ISLAND	1.27-1.31	1.16-1.20	.73-.77	.43-.47
MOSTLY	1.27	1.16	.73	.43
VERMONT	1.30-1.34	1.20-1.23	.79-.80	
MOSTLY	1.34	1.23	.80	

Weekly New York Egg Market Northeast Quotes Prices Supplied By Urner-Barry

From Dec. 24-29

FRI. MON. TUES. WED.

WHITE	C	.89	.89	.89
JUMBO	L	.86	.86	.86
EX. LARGE	O	.83	.83	.83
LARGE	S	.63	.63	.63
MEDIUM	E	.46	.46	.46
PULLETS				
BROWN				
EXTRA LARGE	D	.94	.94	.94
LARGE		.90	.90	.90
MEDIUM		.63	.63	.63
UNDERGRADES				
AND CHECKS		.11	.11	.11
BREAKING STOCKS: MON. 42-44 LBS. .16-.18, 48-50 LBS. .25-.27, 50 LBS. AND UP .27-.28.				

Hackettstown Poultry & Egg

Hackettstown, N.J.

Report Supplied by Auction
Tuesday, December 28, 1999

Report Supplied by Auction
HEAVY FOWL .15-.75 LB.
LEGHORN FOWL 45-50 LB.
MIXED FOWL 1.00-1.25 EA., .55 LB.

ROASTERS .60-.80 LB.
PULLETS .95 LB., 4.50-6.00 EA.
GEESE 5.00 EA., 40-70 LB.
BANTAMS .90 EA., .70 LB.
ROOSTERS .60-1.00 LB.
BUNNIES 1.25 EA.
DUCKS .35-1.10 LB.
RABBITS .40-1.50 EA., .10-1.30 LB.
PIGEONS 1.50-2.50 EA.
GUINEAS 5.00-8.25 EA.

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PENNFIELD DAIRY DAYS



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DAIRYING IN THE NEW MILLENNIUM

JANUARY, 2000

Tuesday, Jan. 25	Lebanon, PA	Lebanon Expo Center
Wednesday, Jan. 26	New Holland, PA	Yoder's Restaurant
Thursday, Jan. 26	Martinsburg, PA	Martinsburg Community Center

AGENDA: 10:00 AM Milk & Donuts – 12 Noon LUNCH – 2:30 PM Adjourn



Dr. Normand St. Pierre, PAS

✳ **Improving the Bottom Line for the Family Dairy Farm**
Dr. Normand St. Pierre, Ohio State University

✳ **Increasing Income by Feeding for Milk Components**

✳ **Herd Replacements and Transition Cows**
Dr. Tim Snyder, Pennfield Dairy Nutritionist



Dr. Timothy Snyder, PAS

FEBRUARY, 2000

Tuesday, Feb. 1	Cortland, NY	Holiday Inn
Wednesday, Feb. 2	Tunkhannock, PA	Shadowbrook

AGENDA: 10:30 AM Milk & Donuts – 12:30 PM LUNCH – 3:00 PM Adjourn



Maurice L. Eastridge, Ph.D.

✳ **Using Fiber Products to Extend Forages**
Dr. Maurice Eastridge, Ohio State University

✳ **Increasing Income by Feeding for Milk Components**

✳ **Herd Replacements and Transition Cows**
Dr. Tim Snyder, Pennfield Dairy Nutritionist

Tuesday, Feb. 8	Intercourse, PA	Plain-N-Fancy Restaurant
Wednesday, Feb. 9	Greencastle, PA	Kauffman Center
Wednesday, Feb. 23	Millington, DE	Howard Johnson

AGENDA: 10:00 AM Milk & Donuts – 12 Noon LUNCH – 2:30 PM Adjourn



Kenneth W. Bailey
Associate Professor

✳ **Understanding New Milk Pricing Proposals**
Dr. Ken Bailey, Penn State University

✳ **Increasing Income by Feeding for Milk Components**

✳ **Herd Replacements and Transition Cows**
Dr. Tim Snyder, Pennfield Dairy Nutritionist

Ladies Welcome: The information presented at these meetings will be directed towards the **FAMILY DAIRY FARM** and its future. Since many wives play a key role in the Family Farm Operation, we would strongly urge both husband and wife to attend as the information presented will be for the "Management Team."



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ATLANTA, GA.

DECEMBER 28, 1999

NORTHEAST BROILER/FRYER PARTS - PART II FEDERAL-STATE PRICES PAID PER POUND, ICE PACKED AND CO2 PACKED BROILER/FRYER PARTS, DELIVERED TO FIRST RECEIVERS IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES.

CURRENT NEGOTIATED WTD VOLUME ITEM TRADING* AVG** /LBS

BREAST - B/S 125-130 130.75 639,440
TENDERLOINS 125 125.30 82,080
BREAST - WITH RIBS 55-56 65.72
163,080 BREAST - LINE RUN 55 52.70
151,920 LEGS 26-27 29.07 325,260 LEG
QUARTERS (BULK) 16-17 18.55
268,772 DRUMSTICKS 34-35 31.82
103,790 THIGHS 21-22 27.39 77,560 B/S
THIGHS 70-71 71.21 47,280 WINGS
(WHOLE) 71-72 80.53 215,160 BACKS
AND NECKS (STRIPPED) 10-12 12.08
42,280 LIVERS (5 POUND TUBS) 35-40
36.45 26,165 GIZZARDS (HEARTS)
55-60 63.78 63,330

INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT, RHODE ISLAND, AND PENNSYLVANIA (NORTHEAST OF HARRISBURG).

* TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. ** WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED AS OF 1:30 P.M. 28-DEC-1999.

NE Chicken

Parts 1&2

ATLANTA, GA.

DECEMBER 28, 1999

NORTHEAST BROILER/FRYER PARTS - PART I FEDERAL-STATE
Trucklot buying interest continued to be

disappointingly quiet. Offerings were usually more than adequate with the breast items in the longest position. Retail and distributive movement was fair at the very best. The market tone ranged barely steady to weak and bone-in breasts continued to weaken.

PRICES PAID PER POUND, ICE PACKED AND CO2 PACKED BROILER/FRYER PARTS, DELIVERED TO FIRST RECEIVERS IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES.

ITEM CURRENT NEGOTIATED TRADING*

BREAST - B/S 125-130 TENDERLOINS 125 BREAST - WITH RIBS 55-56 BREAST - LINE RUN 55 LEGS 26-27 LEG QUARTERS (BULK) 16-17 DRUMSTICKS 34-35 THIGHS 21-22 B/S THIGHS 70-71 WINGS (WHOLE) 71-72 BACKS AND NECKS (STRIPPED) 10-12 LIVERS (5 POUND TUBS) 35-40 GIZZARDS (HEARTS) 55-60

INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT, RHODE ISLAND, AND PENNSYLVANIA (NORTHEAST OF HARRISBURG). * TODAY'S NEGOTIATED SALES AS OF 11:30 A.M.

National Egg Market ATLANTA, GA. DECEMBER 28, 1999

NATIONAL EGG MARKET - AT A GLANCE

Prices were unchanged. The market tone was generally steady. Demand ranged moderate to occasionally good, and was best for the limited feature activity. Supplies of all sizes were well balanced to barely adequate. Breaking stock supplies were about adequate from regular sources, and demand for additional product was generally unaggressive. Light type hens were fully sufficient for immediate needs.

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FRI	JAN 14	TRACTORS, FARM EQ & SUPPLIES	9:00 AM
TUES	JAN 25	QUILT, CRAFT & BUGGY	9:00 A.M.
WED	JAN 26	QUILT & CRAFT	9:00 A.M.

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Pa. Grain

December 27, 1999

Report Supplied By PDA

COMPARED WITH LAST MONDAY'S MARKET FOR EASTERN AND CENTRAL PENNSYLVANIA: CORN MOSTLY STEADY SPOTS .06 HIGHER, WHEAT STEADY TO .08 HIGHER, BARLEY STEADY TO .10 LOWER, OATS STEADY TO STRONG, SOYBEANS UNEVEN, MOSTLY .10 HIGHER, NEW BAR CORN MOSTLY STEADY. PRICES PAID DELIVERED TO DEALERS DOCK: ALL PRICES PER BUSHEL, EXCEPT BAR CORN PER TON.

SOUTHEASTERN PENNSYLVANIA
CORN NO. 2-Y RANGE 2.35-2.50, AVERAGE 2.43, CONTRACT FOR HARVEST 2.39-2.45; WHEAT NO. 2 RANGE 2.38-2.64, AVERAGE 2.47, CONTRACT FOR HARVEST 2.51-2.70; BARLEY NO. 3 RANGE 1.60-1.80, AVERAGE 1.69, CONTRACT FOR HARVEST 1.30; OATS NO. 2 RANGE 1.40-1.65, AVERAGE 1.54; SOYBEANS RANGE 4.31-4.45, AVERAGE 4.41, CONTRACT FOR HARVEST 4.28-4.57; FEW REPORTED GRAIN SORGHUM RANGE 2.20, AVERAGE 2.20; AVERAGE MOISTURE NEW BAR CORN 69.00-85.00, AVERAGE 76.33.

SOUTH CENTRAL PENNSYLVANIA
CORN NO. 2-Y RANGE 2.30-2.40, AVERAGE 2.38; WHEAT NO. 2 RANGE 2.20-2.40, AVERAGE 2.29; BARLEY NO. 3 RANGE 1.50-1.70, AVERAGE 1.55; OATS NO. 2 RANGE 1.40-1.65, AVERAGE 1.48; SOYBEANS NO. 1 RANGE 4.27-4.60, AVERAGE 4.36; AVERAGE MOISTURE NEW BAR CORN 65.00-80.00, AVERAGE 75.67.

EASTERN AND CENTRAL PENNSYLVANIA SUMMARY

CORN NO. 2-Y RANGE 2.30-2.50, AVERAGE 2.40; WHEAT NO. 2 RANGE 2.20-2.68, AVERAGE 2.39; BARLEY NO. 3 RANGE 1.50-1.70, AVERAGE 1.60; OATS NO. 2 RANGE 1.40-1.65, AVERAGE 1.51; SOYBEANS NO. 1 RANGE 4.27-4.60, AVERAGE 4.40; AVERAGE MOISTURE NEW BAR CORN 68.00-85.00, AVERAGE 78.82.

WESTERN PENNSYLVANIA
CORN NO. 2 RANGE 1.90-2.40, FEW REPORTED 1.75, AVERAGE 2.17; WHEAT NO. 2 RANGE 2.36-2.40, AVERAGE 2.38, BARLEY NO. 3 RANGE 1.60, AVERAGE 1.60; OATS NO. 2 RANGE 1.30-1.50, AVERAGE 1.46; SOYBEANS NO. 1 RANGE 4.20, AVERAGE 4.20; BAR CORN RANGE 75.00, AVERAGE 75.00.

CENTRAL PENNSYLVANIA
CORN NO. 2-Y RANGE 2.30-2.45, AVERAGE 2.39; WHEAT NO. 2 RANGE 2.15-2.35, AVERAGE 2.24; BARLEY NO. 3 RANGE 1.50-1.60, AVERAGE 1.53; OATS NO. 2 RANGE 1.30-1.50, FEW REPORTED 1.60, AVERAGE 1.46; SOYBEANS RANGE 4.15-4.40, AVERAGE 4.30; AVERAGE MOISTURE NEW BAR CORN 60.00-68.00, AVERAGE 64.67.

LEHIGH VALLEY AREA
CORN NO. 2-Y RANGE 2.38-2.46, AVERAGE 2.40; WHEAT NO. 2 RANGE 2.45-2.68, AVERAGE 2.53; BARLEY NO. 3 RANGE 1.50-1.65, AVERAGE 1.58; OATS NO. 2 RANGE 1.57-1.70, AVERAGE 1.62; SOYBEANS NO. 1 RANGE 4.28-4.60, AVERAGE 4.39; PER HUNDREDWEIGHT FEW REPORTED GRAIN SORGHUM 2 RANGE 2.50, AVERAGE 2.50; AVERAGE MOIS-

TURE NEW BAR CORN 68.00-75.00, AVERAGE 70.33.

MONTH AGO

CORN NO. 2-Y 2.40; WHEAT NO. 2 2.31; BARLEY NO. 3 1.61; OATS NO. 2 1.52; SOYBEANS NO. 1 4.41; AVERAGE MOISTURE NEW BAR CORN 71.00.

YEAR AGO

CORN NO. 2-Y 2.42; WHEAT NO. 2 2.76; BARLEY NO. 3 1.60; OATS NO. 2 1.41; SOYBEANS NO. 1 5.23; AVERAGE MOISTURE NEW BAR CORN 65.42.

NORTH CENTRAL OHIO

(Prices FOB Truck)

CORN 1.88-1.96; WHEAT 1.92-2.16; OATS 1.50.
SOYBEAN MEAL: BULK 44% 145.00-147.00, BULK 48% 154.00-156.00.

Dewart Hay & Livestock

Dewart, Pa.

Monday, December 27, 1999

Report Supplied by Auction

STEERS: 50.00-62.00.
HEIFERS: TOO FEW TO QUOTE.
GOOD COWS: 30.00-42.00.
CANNERS AND CUTTERS: 20.00-30.00.
BULLS: 43.00-45.75.
VEAL 90-190 LBS. 125.00-310.00, 70 LBS. 25.00-125.00.
HOGS: 34.00-37.75.
SOWS: 28.00-31.50.
FEEDER PIGS: 10.00-24.00.
HAY: 26 LOADS, 115.00-175.00.
STRAW: 3 LOADS, 87.50-100.00.
WOOD: 10 LOADS, 25.00-67.50 LOAD.
OATS: 2 LOADS, 2.40-2.50 BU.

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WEDNESDAY HEIFER SALE 10:00 A.M. COW SALE 12:00 NOON HEIFERS BULLS DAIRY COWS We have the usual run of 50 to 100 Heifers, all ages Loads of fresh cows and springers from our regular shippers. Also some local fresh cows and springers	1:30 P.M. FEEDER PIG SALE Pigs are accepted after 6:30 A.M. State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection

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Field Representatives For Goats, Sheep & Calves:
Ken Smoker - 610-593-2123

National Grain Market

St. Joseph, MO
Tue Dec 28, 1999
USDA-MO Dept Ag Market News
Daily National Grain Market Summary
Wheat and corn bids were slightly higher without any major support factors except export optimism. Soybean bids were slightly lower on forecasts for rainfall in southern Brazil this week and slow export demand. Wheat steady to 1 cent higher except Minneapolis 1 cent lower. Corn 1 to 2 cents higher. Sorghum 1 to 2 cents higher. Soybeans 1 cent lower. Pakistan's bid for 500,000 metric tons of white wheat and a few other tenders underpinned wheat bids, today. Weather forecasts still call for dry conditions in the southern Plains, limiting gains. Corn was higher in reaction to stronger wheat bids and some fund buying on the Board. Farmer selling remains light but concerns it may pick up after the first of the year kept a lid on bids. Slight advances in soybean bids didn't make up for yesterday's sharp declines. Chances for some rainfall in southern Brazil later this week, offered light support.

EXPORT SALES: PURCHASER
COMMODITY TONNAGE DELIVERY
DATE Jordan Barley 50,000 Jan
DATE CHANGE YEAR AGO TRUCK
BIDS: 12/28/99 12/27/99 12/29/98 Wheat:
Kansas City (HRW ORD) 2.42-2.45 Up 1
3.05-3.06 Minneapolis (DNS 14pc) 3.29
1/4 Dn 1 1/4 3.72 Portland (SW) 2.88-2.90
Up 1-unch 3.18-3.19 St. Louis (SRW)
2.28-2.29 Unch-up 1 2.46-2.67
Com, US 2 Yellow: Kansas City 1.92
Up 1 2.10 Minneapolis 1.64 3/4 Up 3/4
1.86 3/4 So. Iowa 1.92-1.93 Up 1 2.11-2.13
Omaha 1.81-1.83 Up 2-1 1.93
Soybeans, US 1 Yellow: Kansas City
4.50-4.52 Dn 1 5.36 Minneapolis No bid
5.18 3/4 So. Iowa 4.48-4.49 Unch
5.32-5.34 Cent. Il Processors 4.56 1/4-4.58
3/4 Up 3/4- 5.42 3/4-5.49 3/4 Dn 1/4
FUTURES: Kansas City (Mar) Wheat
2.74 3/4 Up 3/4 3.19 1/2 Minneapolis
(Mar) Wheat 3.17 1/4 Dn 1 1/4 3.64 Chicago
(Mar) Wheat 2.47 1/4 Up 1/4 2.81 3/4
Chicago (Mar) Corn 2.04 3/4 Up 3/4 2.18
3/4 Chicago (Jan) Soybeans 4.58 1/4 Dn
1/4 5.43 3/4
EXPORT BIDS: Barge or rail, Port of
New Orleans or North Texas Gulf. US 1
HRW Wheat, Ord Protein: 2.74 3/4-2.81

3/4 Up 1/2 3.39 1/2-3.47 1/2 US 2 Soft Red
Winter Wheat: 2.52 1/4-2.53 1/4 Dn 2 1/2
2.82 3/4-2.84 3/4 US 2 Yellow Corn: 2.28
3/4 Up 1/2 2.43 3/4-2.44 3/4 US 2 Yellow
Sorghum: Rail 3.74-3.87 Up 1-2 4.03-4.12
Barge 4.01 Up 2 4.23-4.25 US 1 Yellow
Soybeans: 4.90 1/4-4.91 1/4 Dn 7 3/4 5.76
3/4-5.77 3/4

The Windmill Hay Auction

Penn Yan, N.Y.
Dec. 28, 1999
Report Supplied by Auction
17 LOTS.
GRASS MIX: 1ST CUTTING
100.00-110.00.
ALFALFA GRASS: 1ST
100.00-122.00, 2ND 95.00-140.00, 3RD
161.00.
STRAW: 80.00-85.00.
OATS: 6.50 80 LB. BAG.
FIREWOOD: 35.00-40.00 CORD.
AUCTION EVERY TUES. AND FRI.,
11 A.M. SHARP.

Vintage Hay

Paradise, Pa.
Thursday, Dec. 23, 1999
Report Supplied By Auction
ALFALFA: 150.00-165.00.
MIXED HAY: 162.00.
GRASS: 171.00.
STRAW: 123.00.
SALE TIME 12 NOON.

North Jersey Market

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, December 28, 1999
Hay—Straw &
Grain Report
ALFALFA: 12 LOTS, 2.00-4.60 BALE.
MIXED HAY: 24 LOTS, 2.20-4.20
BALE.
TIMOTHY: 6 LOTS, 2.50-3.50 BALE.
GRASS: 6 LOTS, 1.25-3.20 BALE.
MULCH: 2 LOTS, 1.75 AND 2.10
BALE.
OAT STRAW: 6 LOTS, 1.50-2.10
BALE.
WHEAT STRAW: 11 LOTS, 1.50-2.00
BALE.
OATS: 2 LOTS, 2.10 AND 3.30 BAG.
WHEAT: 1 LOT AT 7.75 BAG.
69 LOTS TOTAL.

Leinbach's Hay

Shippensburg, Pa.
Dec. 28
Report Supplied By Auction
72 LOADS.
ALFALFA: 130.00-192.50.
MIXED HAY: 87.00-187.50.
TIMOTHY: 97.00-170.00.
BROMEGRASS: 137.50-177.00.
ORCHARDGRASS: 92.00-170.00.
STRAW: 55.00-102.50.
EAR CORN: 102.00.
OATS: 3.00-3.05 BU.
WOOD: 40.00-48.00 LOAD.

Lebanon Produce Hay Auction

Reistville, Pa.
Tuesday, Dec. 28, 1999
Report Supplied by Auction
ALFALFA: 105.00, 130.00 LARGE
BALE.
ALFALFA MIX: 95.00-170.00.
GRASS HAY: 75.00-130.00.
FIREWOOD: 35.00 PICK-UP LOAD.
HAY SALE EVERY TUES. 10 A.M.

Vintage Hay

Paradise, Pa.
Thursday, Dec. 23, 1999
Report Supplied By Auction
ALFALFA: 150.00-165.00.
MIXED HAY: 162.00.
GRASS: 171.00.
STRAW: 123.00.
SALE TIME 12 NOON.

Belleville Hay

Wednesday, Dec. 22
Belleville, Pa.
Report Supplied By Auction
ALFALFA HAY: 105.00-150.00.
MIXED HAY: 92.50-142.50.
STRAW: 75.00-110.00.

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JANUARY 3-9, 2000

EPIPHANY & NEW MOON, JAN. 6.

THE GIFT OF SIMPLICITY

Now is the time to examine those holiday gifts and decide which to exchange, which to pass along to someone more likely to appreciate them, and which to keep in a treasured place in your home. Perhaps the new gift will replace some other item on your shelf rather than adding to the stuff. Hurray the deposed items to the recycling bin, rag bag, or second-chance store, and resist the urge to store them "in case you might need them." Practice the clutter mantra: Do I really need (want) it? Do I need this many? Do I have a place for it? Do I want to maintain it? Will I use (love) it? Choose your sentimental attachments well!



Gifts are like hooks.

TIP OF THE WEEK

Before you put anything into storage, ask yourself, "Could someone else be using this?"

HOGMANAY SHORTBREAD

3 cups pastry flour
1/2 cup finely sifted
confectioners' sugar
1 cup (2 sticks) chilled butter

Sift flour and sugar together, then rub into the butter. (This may take some time, but the hard butter is critical!) When crumbs are soft enough to be worked, knead for about 5 minutes to make a soft ball of dough. Shape into two flat, 1-inch-thick, round

cakes. Place into two 9-inch pie plates, pinch edges or crimp with a fork, and prick all over to let steam escape. Bake in a cool, 275° F oven for 1 hour, or until barely browned. Cut into wedges while hot. (These are traditional for the Scottish New Year's Eve, but just as good afterward.)



Makes 16 pieces.

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THE OLD FARMER'S WEATHER PROVERBS



Wind to the west, weather at the best.

Wind in the east, neither good for man nor beast.

Fast rise (of the wind) after a low precedes a stormy blow.

One fair day in the winter does not make the birds merry.

In a leap year, the weather always changes on a Friday.

New Holland Sales Stables

Report Supplied By USDA
Monday, December 27, 1999

	Calves	Sheep	Goats
Today	186	1217	1925
Last Week	137	1040	1726
Last Year	453	1666	1828

CALVES: COMPARED TO THURS.'S AUCTION, VEAL CALVES SOLD 3.00-10.00 LOWER. LARGE SLAUGHTER CALVES TRADED 3.00-5.00 HIGHER. DEMAND REMAINS VERY GOOD FOR HOLSTEIN BULL CALVES RETURNING TO FEED AFTER SETTING RECORD HIGHS ON THURS. BULL CALF PRICES WERE MOSTLY 25.00 LOWER WHILE A LIGHT TEST OF HEIFERS SOLD 40.00-60.00 HIGHER.

VEALERS: GOOD AND CHOICE 70-110 LBS. 22.00-32.00, FEW UP TO 37.00. STANDARD AND LOW GOOD 60-90 LBS. 11.00-25.00.

SLAUGHTER CALVES: GOOD AND CHOICE 200-350 LBS. 78.00-90.00; 350-500 LBS. 65.00-75.00.

RETURNED TO FARM: HOLSTEIN BULLS 95-125 LBS. 135.00-167.00. PLAINER TYPE BULLS 80-115 LBS. 90.00-140.00, FEW WEAKER CALVES DOWN TO 50.00. HOLSTEIN HEIFERS 80-120 LBS. 300.00-350.00. FEW PLAINER HEIFERS 70-100 LBS. 240.00-300.00.

SHEEP: BY THE HEAD, LARGE BILLIES 175.00-200.00, MEDIUM 125.00-175.00, THIN 100.00-125.00; CHOICE AND PRIME MUTTON 70.00-120.00; LARGE NANNIES 70.00-110.00, MEDIUM 40.00-70.00; PRIME YEARLINGS 90.00-120.00, CHOICE 70.00-90.00, CHOICE AND PRIME KIDS 50.00-90.00, GOOD 30.00-50.00.

SLAUGHTER LAMBS: NEW CROP

CHOICE AND PRIME 2-3 50-65 LBS. 120.00-150.00. WOOLED CHOICE AND PRIME 2-3 40-60 LBS. 80.00-110.00; 60-85 LBS. 95.00-110.00; 85-110 LBS. 80.00-95.00; 110-160 LBS. 65.00-85.00.

SLAUGHTER EWES: GOOD AND CHOICE YEARLINGS AND 2 YEAR-OLDS 45.00-60.00. UTILITY AND GOOD 1-3 35.00-54.00. AGED BUCKS 150-300 LBS. 35.00-50.00.

GOATS: BY THE HEAD, LARGE BILLIES 175.00-200.00, MEDIUM 125.00-175.00, THIN 100.00-125.00; CHOICE AND PRIME MUTTON 70.00-120.00; LARGE NANNIES 70.00-110.00, MEDIUM 40.00-70.00; PRIME YEARLINGS 90.00-120.00, CHOICE 70.00-90.00, CHOICE AND PRIME KIDS 50.00-90.00, GOOD 30.00-50.00.

Frederick Livestock Auction

Frederick, Md.
December 27, 1999

Report Supplied By Auction

SLAUGHTER COWS: 98 HEAD, STEADY. UTILITY 37.50-41.25, HIGH DRESSING 41.50-43.00, 2 AT 44.75 AND 45.25; CANNERS 32.00-37.00, SHELLY 32.00 DOWN.

BULLS: YG#1 HIGH DRESSING LIMOUSIN 1725 LBS. AT 59.00; 1 1825 LBS. AT 52.25; COUPLE 1500 LBS. 45.00-46.00; YG#2 1100-1600 LBS. TO 44.75.

FED STEERS: 1 SELECT 1190 LBS. AT 54.75.

FED HEIFERS: 1 HOLSTEIN 1335 LBS. AT 44.00.

VEAL CALVES: 172 HEAD. CULLS 85-110 LBS. 25.00-31.00, 60-85 LBS. 16.00-25.00.

FARM CALVES; STEADY WITH LIGHTWEIGHTS HIGHER. HOLSTEIN BULLS #1 95-125 LBS. 120.00-147.00; SEVERAL 150.00-162.00; #2 85.00-120.00; #1 80-90 LBS. 100.00-130.00; #2 35.00-55.00; HOLSTEIN HEIFERS #1 90-120 LBS. 270.00-330.00; #2 140.00-250.00; #1 80-90 LBS. 230.00-260.00; #2 130.00-195.00; 70-80 LBS. 60.00-82.00; BEEF X BULLS AND HEIFERS 85.00-127.00.

BUTCHER HOGS: 20 HEAD. #1&3 260-290 LBS. 35.00-37.75; 3 HEAD 325-385 LBS. 32.00-36.00.

SOWS: 1 355 LBS. AT 28.00.

BOARS: 1 450 LBS. AT 6.75.

STOCK CATTLE: STEERS, 1 730 LBS. AT 57.00; 1 HOLSTEIN 570 LBS. AT 54.50.

HEIFERS: 1 380 LBS. AT 75.50; 1 HOLSTEIN 600 LBS. AT 62.00; 1 SPRINGING HOLSTEIN HEIFER AT 985.00.

BULLS: 380-450 LBS. 63.00-76.00.

GOATS: 1 MED. BILLY AT 39.00.

PIGS AND SHOATS: BY THE HEAD, 4 HEAD 50 LBS. AT 25.00; BY THE LB. 175-205 LBS. 33.00-35.00.

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Saturday 7 a.m. - Noon

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New Year's Eve, Fri. Dec 31 7 a.m. - 12 Noon

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Weekly Livestock Summary

10 Livestock Auctions
December 23, 1999

Report Supplied By PDA

CATTLE 3225 Compared with 5255 head last week and 4879 head a year ago Slaughter steers steady to 2 00 lower with Holsteins mostly steady, sl heifers uneven, mostly steady to weak, cows .50 to 1 00 higher, sl. bulls 2.00 to 4.00 higher **SLAUGHTER STEERS** High Choice and Prime 2-4 70 00-73 50, Choice 1-3 64 00-71 00, Select and Low Choice 2-3 63 00-68 25, Select 1-3 57 00-64 75, Standard 1-2 48 00-56 00. **HOLSTEINS** High Choice and Prime 2-3 61 25-65 50, Choice 2-3 55 00-62 00, Select 1-2 49 25-55 00, Standard 1-2 45 75-48 50. **HEIFERS** Choice few Prime 2-4 64 00-70 25, Select 1-3 57 00-65 50, Standard 1-2 45 50-57 00. **COWS** Breakers 75-80% lean 38 75-43 75, Boners 80-85% lean 35 00-40 50, Lean 85-90% 32 00-36 75 Shells down to 20 00 **BULLOCKS** Select 1-3 47 00-57 00. **BULLS** Yield Grade 1 1000-2500 lbs 46 00-52 00, Yield Grade 2 900-2400 lbs 37 00-46 50

FEEDER CATTLE **STEERS** Medium and Large 1 300-500 lbs 80 00-95 00, 500-700 lbs 70 00-87 00, Medium and Large 2 400-700 lbs 60 00-72 00, **HEIFERS** Medium and Large 1 300-500 lbs 71 00-87 00, 500-700 lbs 66 00-74 00, Medium and Large 2 400-600 lbs 56 00-64 00, **BULLS** Medium and Large 1 300-500 lbs 70 00-86 00, 500-700 lbs 64 00-70 00, Medium and Large 2 500-700 lbs 50 00-60 00

CALVES 2390 Compared with 3279 head last week and 2907 head a year ago Vealers mostly steady **VEALERS** Good 150-275 lbs 50 00-70 00, Standard and Good 75-120 lbs 20 00-32 50, Utility 50-100 lbs 10 00-20 00 **FARM CALVES** Holstein bulls and Holstein heifers steady No 1 Holstein bulls 90-120 lbs 115 00-175 00, No 2 85-120 lbs 60 00-130 00, No 1 Holstein heifers 80-120 lbs

240 00-335 00, No 2 80-120 lbs 100 00-250 00. Beef type bulls and heifers 80-130 lbs 75 00-135 00

HOGS 1705 Compared with 1508 head last week and 1931 head a year ago Barrows and gilts steady to 1 50 higher, sows steady to 1 00 higher

BARROWS AND GILTS 49-54% lean 225-260 lbs 37 00-39 50, 45-50% lean 230-275 lbs 34 00-37 50, 40-45% lean 240-300 lbs 32 00-35 00 **SOWS** US 1-3 300-500 lbs 20 00-26 00, 500-700 lbs 27 00-31 75

BOARS 7 50-12 00. **FEEDER PIGS** 296 Compared with 161 head last week and 228 head a year ago US 1-3 25-40 lbs 15 00-31 00, 40-65 lbs 32 00-45 00 --- per head

SHEEP 2121 Compared with 4181 head last week and 3114 head a year ago Slaughter lambs steady to 10 00 higher **WOOLED LAMBS** Choice 60-80 lbs 100 00-120 00, 80-110 lbs 85 00-100 00 **NEW CROP LAMBS** Choice 35-45 lbs 135 00-175 00, 45-60 lbs 120 00-150 00. **SLAUGHTER SHEEP** 25 00-52 00

TWO GRADED FEEDER PIG **SALES** 2771 Compared with 718 head last week and 2140 head a year ago Feeder pigs very active due to holiday pressure. US 1-2 60-70 lbs 60 00-80 00, 70-80 lbs 65 00-86 00, No 2 60-80 lbs 64 00-69 00, Slaughter 18-25 lbs 140 00-180 00, 25-60 lbs 90 00-142 00, 60-85 lbs 55 00-94 00 --- per cwt

Leesport Livestock

Leesport, Pa.

December 22, 1999

Report Supplied By PDA

CATTLE 213 [PDA] [Supply included 88 steers and heifers, 77 cows, 11 bulls and 37 feeder cattle]

SLAUGHTER STEERS Choice 2-3 1150-1350 lbs 62 50-67 75, Select 1-3 57 00-63 50, few Standard 1-2 39 50-41 50

HOLSTEIN STEERS High Choice and Prime 2-3 1285-1585 lbs 61 25-64 75,

Choice 2-3 1215-1675 lbs 55 00-62 00, Select 1-2 51 00-58 00, Standard 1-2 40 00-53 50

HEIFERS High Choice and Prime 2-4 1150-1200 lbs 65 75-67 00, Choice 2-4 1025-1180 lbs 61 00-65 00, Select 1-3 54 00-59 50, couple Standard 1-2 42 50 & 50 50

COWS Breakers 75-80% lean 38 25-43 25, couple 45 50 & 47 75, Boners 80-85% lean 34 75-39 75, Lean 85-90% lean 25 00-36 25. Shells down to 20 00.

BULLOCKS couple Select 1-3 47 50 & 48 50

BULLS Yield Grade 1 1230-2360 lbs 47 00-50 75, Yield Grade 2 1000-2425 lbs 35 75-47 00

FEEDER CATTLE **STEERS** couple Large 2 915-955 lbs 54 75 & 56 00, **HEIFERS** Large 1 435-635 lbs 62 50-77 50, Large 2 500-550 lbs 52 50-58 00, **BULLS** Medium and Large 2 380-435 lbs 76 00-77 50, few Large 2 595-780 lbs 57 00-61 00

CALVES 138 **VEALERS** Good 150-295 lbs 32 50-52 50, Standard and Good 85-110 lbs 37 50-70 00, Utility 70-100 lbs 17 50-25 00

FARM CALVES No 1 Holstein bulls 90-120 lbs 137 50-175 00, few 85 lbs 95 00-106 00, No 2 90-120 lbs 80 00-130 00, No 1 Holstein heifers 100-120 lbs 260 00-330 00, No 2 75-100 lbs 150 00-255 00 Beef type bulls and heifers 75-100 lbs 75 00-135 00

HOGS 50 **BARROWS AND GILTS** 45-50% lean 225-240 lbs 36 00-37 50, one, 40-45% lean 255 lbs 27 50 **SOWS** US 1-3 480-835 lbs 22 00-29 75

BOARS 325-790 lbs 7 50-12 00

FEEDER PIGS 87 (All pigs for slaughter) US 1-3 20-29 lbs 120 00-135 00, 40-41 lbs 60 00-110 00 --- per cwt

SHEEP 15 **SLAUGHTER LAMBS** couple Choice 110 lbs 85 00 & 100 00, one Good and Choice 50 lbs 75 00

SLAUGHTER SHEEP 20 00-34 00, one Yearling 50 00

GOATS 19 Medium Billies 60 00-82 50, Medium Nannies 44 00-48 00, Large Kids 37 50-47 50, Small 40 00-47 50 --- per head

Middleburg Livestock

Middleburg, Pa.

December 28, 1999

Report Supplied By PDA

CATTLE 415 [PDA] Compared with last week's sale. sl steers 1 00 to 1 50 higher, sl. cows steady with spots to 1 00 higher, sl heifers 1 00 higher

SLAUGHTER STEERS High Choice and Prime 2-4 1275-1465 lbs 73 25-74 75, Choice 1050-1470 lbs 65 75-72 75, Select 1-3 60 00-67 25, Standard 1-2 48 00-54 50

HOLSTEINS High Choice and Prime 2-3 1200-1530 lbs 61 00-63 75, Choice 2-3 1120-1480 lbs 57 25-61 50, Select 1-2 50 00-55 75, Standard 1-2 43 00-49 75

HEIFERS few High Choice and Prime 2-4 1100-1200 lbs 73 00-73 25, Choice 2-4 1040-1365 lbs 65 00-71 50, Select 1-3 60 00-66 25, Standard 1-2 43 00-50 50

COWS Breakers 75-80% lean 39 75-43 25, few down to 37 00, Boners 80-85% lean 36 25-41 75, low dressing 33 00-35 75, Lean 85-90% lean 26 00-38 75 Shells down to 20 00

BULLS Yield Grade 1 1370-2170 lbs 44 75-49 00 with one 53 00, Yield Grade 2 1115-1920 lbs 35 50-41 25

FEEDER CATTLE **STEERS** few Medium and Large 1 265-570 lbs 73 00-79 00, 625-950 lbs 59 00-71 00, Medium and Large 2 300-600 lbs 50 00-60 00, 635-

960 lbs 49 00-56 00, **HEIFERS** Medium and Large 2 245-455 lbs 67 00-73 00, couple 590 & 620 lbs 62 00, Medium and Large 2 585-815 lbs 40 00-56 00, **BULLS** few Medium and Large 1 275-385 lbs 69 50-72 00, Medium and Large 2 250-470 lbs 58 00-60 00, 500-820 lbs 38 00-47 00

CALVES 173 **VEALERS** Standard and Good 75-100 lbs 20 00-32 00, Utility 50-75 lbs 10 00-20 00

FARM CALVES Holstein bulls 10 00 to 15 00 higher No 1 Holstein bulls 90-125 lbs 130 00-172 00, couple 175 00, No 2 80-125 lbs 70 00-137 00 with a few down to 40 00, No 1 Holstein heifers 80-125 lbs 240 00-295 00, No 2 70-125 lbs 90 00-210 00

HOGS 190 (12/27 & 28/99) Bulk of supply sold on Monday and reported by the auction Barrows and gilts on Tuesday were 2 00 lower, Monday unevenly steady, sows steady to 1 00 higher

BARROWS AND GILTS 49-54% lean 230-280 lbs 40 50-43 50, few to 46 50, 45-50% lean 230-275 lbs 37 25-39 50, 40-45% lean 260-325 lbs 34 50-44 50

SOWS US 1-3 395-495 lbs 24 75-33 00, 500-590 lbs 29 50-33 00

BOARS 350-690 lbs 7 00-8 00, one 260 lbs 15 00

FEEDER PIGS 26 US 1-3 40-60 lbs 15 00-27 00 --- per head

SHEEP 17 **SLAUGHTER LAMBS** Choice 70-100 lbs 72 00-80 00 **NEW CROP LAMBS** few Choice 45-55 lbs 147 50, few Good and Choice 45-55 lbs 50 00-62 00

SLAUGHTER SHEEP 29 00-31 00

ATTENTION DAIRY FARMERS

Over the years, we've been led to believe in these myths...

- ...that surpluses have been the problem;
- ...that our neighbor is our competitor;
- ...that if farm prices go up we can't sell it;
- ...that we have to lower our prices to compete in the world market.

To learn the TRUTH about these myths contact the National Farmers Organization (NFO).

NFO's Collective bargaining and marketing system is owned by farmer-members and represents producers' interests only



Phone: 800-247-2110

E-Mail: NFO@netins.net

Internet site: http://nfo.org

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Weekend Dairy Line: 800-247-2199

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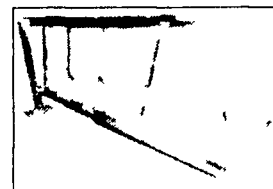
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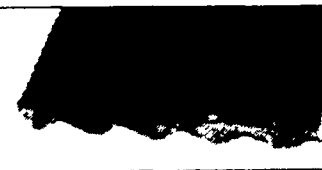


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Lancaster Farming

OPINION

Happy New Year

You would have to say this was a dramatic year for farmers in this part of the country. Drought in many areas left farmers wondering where they would get feed for the cattle this winter. But not all farmers fared alike. For example in Montour County, farmers closer to the river had more rain, and the more distance between your farm and the river the rainfall became proportionally less. The U.S. Department of Agriculture declared an emergency in all of Pennsylvania's Counties, and the state legislature sent a drought relief bill to Gov. Ridge who signed it. The Pennsylvania Department of Agriculture estimated crop losses at \$500 million with the percentage of loss on individual farms ranging from 30 to 100 percent.

The drought ended in September when the outreaches of Hurricane Floyd poured water on the region. This was good for the streams, wells, water table, meadows, and late hay crops. But the relief for the corn and soybean crops was nil.

With the drought came heat, and dairy production was reduced up to 30 percent per cow over the hot months. And late-year milk prices plummeted to a 20-year low of below \$10 per hundredweight. The saving grace for dairy farmers was the \$16 milk in January 1999.

Fruit growers had mixed news. Apple production was up 24 percent over 1998 and grape production was good. But the new plum pox virus showed up in for Adams County orchards, the first appearance in North America. This virus kills peach, plum, nectarine and other fruit trees. The jury is still out on how much this new disease will cost the fruit industry as we watch the new growth next Spring.

Of course, livestock prices were at all-time lows in some months this year, as well. The independent hog producers were really hurt. And a lot of tobacco farmers still have several crops still in the sheds.

On the other hand, we talk to farmers who need to buy inputs before the end of the year for next year. If they don't, they will have a huge tax bill because of the good profits in 1999.

Our hope for you in the new year, and the new century is that you can weather the storms that presented themselves in the past, and stay in a position to continue the wonderful traditions of farming into the new years ahead.

Best wishes for a happy and prosperous New Year!



Editor:

As dairy farmers in the U.S. we currently sit and wait for milk reform from our government. Well I have news for each dairy farmer. No matter what milk reform is passed it will not solve the real problem. The price of milk is low and will continue to go lower. It's simple economics, the supply of milk is growing faster than the de-

mand thus the price of cwt of milk will continue to drop.

The solution to this problem is in our hands. We can continue on the current path and hope by some miracle that the population starts using more dairy products, or we can unite and reduce the supply forcing the price of milk higher. This may sound drastic to some. Just think for a minute if we were

(Turn to Page A35)



Saturday, January 1
Happy New Year!

Sunday, January 2

Monday, January 3
Lancaster County Tobacco Show,
Farm and Home Center, Lan-
caster, judging noon.

Octorara Young Farmer meeting,
Octorara High School, 7:30
p.m.

Tuesday, January 4

Risky Business-Solutions, Finan-
cial Management Seminar,
Fogelsville, 9 a.m.

Solanco Young Farmer Program,
Money Management In The Ag
Enterprise, Solanco High
School, 7:30 p.m.

Wednesday, January 5
Crop Insurance: Making It Work
For You!, Lebanon County
Expo Center, Lebanon, 9 a.m.

Thursday, January 6
Adams County Holstein Associa-
tion Annual Meeting, York

**Now Is
The Time**
By John Schwartz
Lancaster County
Agricultural Agent

To Understand Financial Failure

At a recent workshop for 25 lenders from Iowa, South Carolina and Oklahoma, Dr. Gregory Hanson, Penn State Agricultural Economist, asked them to list up to 10 farms that had failed financially and then to list the two most important factors related to the failure. Financial failure was defined as having reduced farm size, sold assets, restructured debt or quit farming due to serious financial problems.

General categories such as poor financial planning were not included. Instead more visible factors such as poor production and human factors such as death, divorce, disability and substance abuse were elicited from the lenders. The patterns of financial failure the lenders identified closely parallels patterns of failure Dr. Hanson have observed in agriculture. The seven most identified areas were poor production timing, too much debt, human factors, bad weather, "new paint disease" (the addiction to buy machinery with shiny red, green or blue paint that the farmer cannot afford), family transitional problems and too small equipment.

To Look at Causes of Financial Failures

In a survey of agricultural lenders conducted by Dr. Gregory Hanson, Penn State Agricultural Economist, poor production timing was identified as the leading factor for causing financial failure. Not getting work done on time was the cause of financial failures on 51 percent of the farms in the survey. Too much debt was the second most common factor representing 46 percent of the farms. Next was human factors ranging from sickness to serving jail time for a DUI. Bad weather was associated with one in five farm failures. Bad weather will happen sooner or later and can have calamitous financial repercussions as well as result in poor yields. As a matter of course, farmers need to prepare options such as crop insurance to counter the impacts of drought, hail or too much rain. "New paint

Springs Fire Hall, York
Springs, 7 p.m.

Bucks-Montgomery Dairy Day,
Family Heritage Restaurant,
9:30 a.m.-2:45 p.m.

Vegetable Growers' Study Circle,
Kutztown Produce Auction, 7
p.m.

Friday, January 7
Crop Insurance: Making It Work
For You!, York County 4-H
Center, 9 a.m.

Franklin County Dairy Day,
Kauffman's Community Cen-
(Turn to Page A35)

disease", buying too much new equipment too fast led to financial failure on 20 percent of the farms. With family transition problems as a factor in 20 percent of the farm failures, parents and their children need to insist on developing a plan that clarifies the how, when and who questions relating to production processes, management and business ownership.

To Look at Reasons For Success

A key summary point from Dr. Gregory Hanson's financial failure survey is that there is no substitute for good production practices. Timely field work and animal production practices, fixing management problems

immediately will always be essential to remaining successful in agriculture. However, farmers cannot overlook the impact that financial and people problems have on long term success. Avoiding failure also means managing well the people problems that eventually occur in any business. Bad weather is not the primary cause of financial failure on farms. The survey indicates that good management of machinery applications and livestock and limiting people problems and financial error are far more important to success than drought or hail storms.

Feather Prof's Footnote: "If there is a better solution - find it!" Thomas Edison

FOLLOW ME
January 2, 2000

Background Scripture:
Matthew 4:18-22; 9:9-12;
10:5-15

Devotional Reading:
Matthew 10:5-15

There is some confusion in the gospels and Acts when the terms "disciples" and "apostles" are used. Is the writer referring to "The Twelve" or to a larger group of people following Jesus?

Talmidim, the Hebrew word we translate into English as "disciples" appears only once in the Old Testament (Isaiah 8:16). When the prophet Isaiah realized that his prophecy was rejected by the people of Israel, he decided to entrust it to a small group of disciples who would continue to preserve and proclaim his message. In Jesus' times, the pupils of the rabbis, students and teachers of the law, were also called *talmidim*.

So, originally, in the ministry of Jesus his closest followers, the ones who left their homes to follow him, live in close fellowship with him and learn from him, were called *talmidim*, disciples, a term appearing more than 250 times in the Gospels and Acts. Those disciples closest to Jesus were also sometimes called "The Twelve," an obvious parallel with the twelve tribes of Israel.

More Confusion

There is more confusion because, while Matthew and Luke agree on the same twelve men — Simon Peter, Andrew James, John, Philip, Bartholomew, Thomas, Matthew, James-son of Alphaeus, Thaddaeus, Simon the Cananaean and Judas Iscariot — Luke and Acts name a Jude or Judas-son of James instead of Thaddaeus. Luke-Acts also calls Simon "the Zealot" instead of "the Cananaean." The writer of the Gospel of John speaks of "The Twelve," but mentions by name only Simon Peter, Andrew, Philip and Bartholomew, while inserting a new name, Nathaniel. Some of these men, perhaps all of them (except for Judas Iscariot), were later recognized as "apostles." This was a Greek term, *apostolos*, that denoted one sent forth to represent and bear a message.

All Who Follow

Yet, although the term disciple might have originally referred only to those who journeyed with Jesus, it is also obvious that it also

was used of the much larger body of people who accepted him as their teacher and leader. In fact, the majority of times the term is used in the Gospels and Acts it refers to all those who believe and follow Jesus. So discipleship is a concept that came to applied, not only to Jesus' intimate circle of followers, but to all who accepted and still accept his call to "Follow me" (Mt. 4:19; 9:9).

When we read the various passages about the disciples of Jesus in the Gospels and Acts, we are not simply reading about what it meant for them to follow Jesus, but what it means for us today. He gives us the same challenge, "Follow me." That challenge is no less world shaking for us than it was for them. You can't follow Jesus without your life being shaken-up and refocused in some way. For them, it meant giving up their trade as fishermen. At the same time, it was really a focusing of their trade, for Jesus promised them that now "I will make you fishers of men" (4:19). More important, however: how might the call of Christ refocus your life?

A Different View

Following Jesus Christ also meant for his disciples that they would have to look at life through his eyes, not the eyes of their society. In Jesus' day a tax collector was regarded as a traitor to his own people. Apart from paying taxes, no respectable Jew was to have anything to do with a tax collector. He would not sit down at a table with "tax collectors and sinners." So, when the Pharisees saw Jesus doing this, "they said to the disciples, 'Why does your teacher eat with tax collectors and sinners?'" (9:11).

Jesus' reply makes it apparent that anyone who follows him will have to look at life differently: "Those who are well have no need of a physician, but those who are sick. Go and learn what this means, 'I desire mercy, and not sacrifice.' For I came not to call the righteous, but sinners" (9:13,14). The purpose of Christian discipleship is not to form a club of the righteous, but a movement made up of sinners who have chosen to follow Christ and experience his grace.

Jesus still calls each of us, "Follow me!" What does it mean to you?

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STATE WINNERS				
DELAWARE				
A NON-IRRIGATED				
1st Jonathan Snow	Smyrna	33A14	Bt	194.29
A NO-TILL NON-IRRIGATED				
1st Bruce E. Snow	Smyrna	33A14	Bt	179.76
2nd Jessica Snow	Smyrna	3335		124.80
NO-TILL IRRIGATED				
1st DC Farms, Inc.	Bridgeville	33A14	Bt	242.46
2nd DMC Farms, Inc.	Laurel	33A14	Bt	228.12
3rd L. Allen Messick, Jr.	Seaford	33A14	Bt	225.55
A RIDGE-TILL NON-IRRIGATED				
1st Snow Farms, Inc.	Smyrna	33A14	Bt	149.97
IRRIGATED				
1st Mark Collins	Laurel	33A14	Bt	256.81
2nd Allen's Hatchery, Inc.	Seaford	3335		238.75
MARYLAND				
A NON-IRRIGATED				
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3rd Ralph Harcum	Hebron	32K61		174.79
A NO-TILL NON-IRRIGATED				
1st Grimmel Farms	Jarrettsville	33A14	Bt	230.14
3rd Ralph C. Whaley, Jr.	Queenstown	33V08	Bt	205.93
NO-TILL IRRIGATED				
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2nd James R. Fuchs	Preston	3335		239.94
3rd John R. Windsor	Cambridge	33A14	Bt	232.62
IRRIGATED				
2nd John R. Dulin	Centreville	33A14	Bt	251.33
3rd Jeremy L. Dulin	Queen Anne	33A14	Bt	246.98
NEW JERSEY				
A NON-IRRIGATED				
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2nd Paul D. Mast	Morgantown	33Y18		
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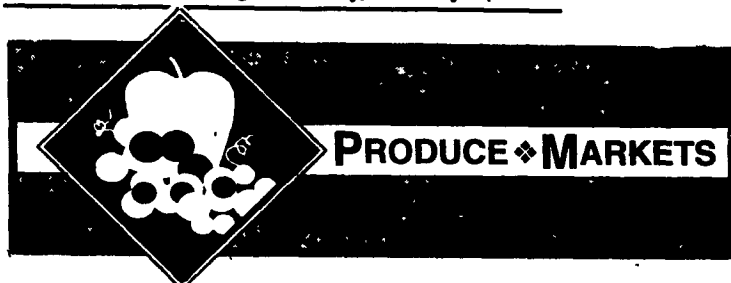
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bchd FL 15s 12.00-13.00 1 kg ctns bchd IS
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FL Indian River Red 23s 9.00 few 11.00

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7/10 bucrt TX TXFcy Marked Rio Star

32s 7.00 ---LEMONS: MARKET ABOUT

STEADY ctns AZ Shpr Choice 95s 20.00

115s 18.00 140s 18.00-20.00 165s 15.00

few hias 19.00 200s 14.00 CA Shpr

Choice 140s 18.00 200s 14.00 ---LIMES:

MARKET ABOUT STEADY 10 lb ctns

FL 48s 6.50 54s 6.50 MX 36s 6.50 42s

7.00-7.50 48s 7.00-8.00 mostly 7.00-7.50

54s 7.00-7.50 63s 7.00-7.50 40 lb ctns MX

150s 13.00 one label 18.50 ---MISC CIT-

RUS: MARKET ABOUT STEADY 2.3 kg

crts SP Clementine 20s 2.00-3.00 mostly

3.00 24s 2.00-3.00 poor cond 25 28s

2.00-3.00 32s 2.00-3.00 36s 2.00-3.00

mostly 2.50 40s 1.50-2.00 ---ORANGES:

MARKET ABOUT STEADY 4/5 bucrt

FL Hamlin 80s 10.00 100s 9.00 125s 8.00

ctns CA Shpr 1st Grade Navel 56s

15.00-16.00 72s 14.00 88s 12.00-14.00

113s 10.00 138s 10.00 Shpr Choice Navel

40s 10.00 48s 10.00 56s 10.00-11.50 72s

10.00-11.50 88s 11.50 113s 10.00 4/5

bucrt FL Navel 48s 11.00 56s 11.00 64s

11.00 ---TANGELOS: OFFERINGS

INSUFFICIENT TO QUOTE ---

TANGERINES: MARKET SLIGHTLY

HIGHER 1/2 bu ctns w/ stems/leaves CA

Fairchild med fr cond 6.00 4/5 bucrt FL

Sunburst 80s 17.00-18.00 100s

14.00-15.00 few 16.00 120s 13.00-14.00

---TEMPLES: OFFERINGS NONE

BERRIES ---BLUEBERRIES: fls 12

1/2-pt cups with lids CL med-lge

27.00-28.00 med 23.00

---CRANBERRIES: OFFERINGS

INSUFFICIENT TO QUOTE ---MISC

BERRIES: fls 12 1/2-pt ctns with lids CR

Blackberries poor cond 2.00-3.00 GU

Blackberries 18.00 ---RASPBERRIES:

MARKET ABOUT STEADY fls 12

1/2-pt cups flwrrpd CL Red 20.00 ---
STRAWBERRIES: MARKET FL LOW-
ER, CA HIGHER fls 12 1-pt bkts CA
med-lge 20.00 one label 24.00 FL med
14.00-16.00 mostly 15.00-16.00 some
17.00

MELONS ---CANTALOUPS: MARK-
ET HIGHER 1/2 ctns/ctns DR 9s fr appear-
ance 7.00-9.00 12s fr appearance
9.00-11.00 GU 12s 16.00-17.00 15s
16.00-17.00 18s 16.00-17.00

---HONEYDEWS: MARKET ABOUT
STEADY 2/3 ctns DR 5s 7.00-8.00 mostly
7.00 6s 7.00-8.00 mostly 7.00 8s 7.00 EC
5s 7.00 6s 7.00 8s 7.00 GU 5s 7.00-10.00

mostly 7.00-8.00 6s 7.00-10.00 some 6.00

MX 8s 7.00-8.00 9s 7.00-8.00 ---MISC

MELONS: OFFERINGS INSUFFICIENT

TO QUOTE ---WATERMELONS:

MARKET ABOUT STEADY ctns per ctn

GU Red Seedless 4s 16.00 5s 15.00 MX

Sangria 3s 14.00-15.00 mostly 14.00 few

16.00 4s 13.00

NON-CITRUS FRUITS ---APPLES:

MARKET ABOUT STEADY ctns celpk

NY U.S. ExFcy McIntosh 80s 18.00 100s

18.00 120s 16.00 ctns trypk NY U.S.

ExFcy Rome 72s 15.00-16.00 88s

15.00-16.00 U.S. One Red Delicious 88s

9.00 100s 9.00 113s 9.00 125s 9.00 138s

9.00 WA WAExFcy Red Delicious 64s

one label 23.00 72s 16.00-18.00 one label

22.00-23.00 80s 16.00-18.00 one label

22.00-23.00 88s 17.00-19.00 mostly 18.00

one label 22.00-23.00 100s 16.00-18.00

one label 23.00 113s 16.00-17.00 one label

23.00 125s one label 23.00 Golden Deli-

cious 80s 22.00 88s 22.00 100s

16.00-19.00 113s 16.00-17.00 Gala 80s

28.00 88s 26.00 100s 24.00 ---

APRICOTS: OFFERINGS INSUFFI-

CIENT TO QUOTE ---AVOCADOS:

MARKET ABOUT STEADY ctns 2 lyr

MX Hass 40s 32.00 48s 35.00-36.00 most-
ly 35.00 fr cond 32.00 ---BANANAS:
MARKET STEADY 40 lb ctns IMPORT
10.50 fair qual 8.50-10.00 sml 7.50-8.50
40 lb ctns bagged IMPORT 11.00 40 lb
ctns IMPORT petite 13.00 ---CHERRIES:

TOO FEW SALES TO QUOTE ---

FRUITS OTHER: ctns 1 lyr CL BOAT

Apple Pears Shinko 15s 13.50 ---

GRAPES: MARKET ABOUT STEADY

16 lb lugs bgd CA Thompson Seedless

med 27.00-29.00 ord cond 8.00-10.00 16

lb lugs wrpd CA Flame Seedless med-lge

25.00 19 lb lugs bgd CA Ruby Red Seed

less med-lge 16.00 fr cond 12.00 Red

Globe lge 18.00-20.00 fr cond 10.00 16 lb

lugs bgd CA Crimson Seedless med-lge

22.00 med 12.00 18 lb lugs bgd CL BOAT

Perlette sml-med 18.00 Thompson Seed-

less med 20.00-22.00 Flame Seedless med

20.00-23.00 ---KIWI FRUIT: fls 1 lyr CL

33s 7.00 ctns 22 lb lse GR 90s 13.00 99s

13.00 108s 13.00 39 sz 13.00 ---

MANGOES: MARKET ABOUT

STEADY fls 1 lyr EC Haden 10s fr cond

5.00-6.00 12s fr cond 5.00-6.00 14s fr cond

5.00-6.00 Tommy Atkins 8s 6.00 BR Tom-

my Atkins 7s 7.00 8s 7.00 9s 7.00 12s 5.00

---NECTARINES: OFFERINGS INSUF-

FICIENT TO QUOTE ---PAPAYA:

MARKET STEADY 10 lb ctns BZ 8s 9.00

9s 9.00 10s 9.00 ---PEACHES: OFFER-

INGS LIGHT ctns 2 lyr trypk CL BOAT

Spring Lady 56s poor cond 50 Majestic

68s 8.00 ---PEARS: MARKET ABOUT

STEADY 4/5 bucrt wrpd OR U.S. One

D'Anjou 90s 24.00-26.00 100s 22.00 110s

20.00 120s 20.00 Bosc 60s 22.00 70s 22.00

80s 22.00 90s 20.00 100s 24.00 110s

22.00-24.00 mostly 23.00 120s

20.00-22.00 mostly 20.00 ---

PERSIMMONS: OFFERINGS INSUFFI-

CIENT TO QUOTE ---PINEAPPLES:

MARKET STEADY ctns 2 lyr HD 10s

15.00 12s 15.00 14s 15.00 ctns 1 lyr HI
AIR 6s 12.00-12.25 ---PLANTAINS:
MARKET STEADY 40 lb ctns CB Yellow
15.00 EC Green 14.00 GU Yellow 13.00 ---
PLUMS: OFFERINGS INSUFFICIENT
TO QUOTE ---POMEGRANATES:
OFFERINGS INSUFFICIENT TO
QUOTE ---PRUNES: OFFERINGS
NONE

New Holland Dairy

New Holland Sales Stables
New Holland, Pa.

Wednesday, Dec. 22, 1999

Report Supplied By Auction

197 DAIRY COWS, 170 HEIFERS, 14

BULLS. MARKET STEADY.

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650.00-1175.00, FEW 1475.00-1675.00.

LOCAL SPRINGERS 585.00-1400.00.

BETTER FRESH COWS:

1525.00-1725.00.

LARGE HEIFERS 1200.00-1400.00,

SMALL HEIFERS 600.00-1085.00.

UPSTATE LOADS FRESH

1075.00-1725.00.

CANADIAN LOADS FRESH

850.00-1625.00.

SHORTBRED HEIFERS

625.00-1185.00.

OPEN BREEDING HEIFERS

710.00-825.00.

FRESH HEIFERS 475.00-1175.00,

FEW 1225.00-1450.00.

REGISTERED HEIFERS

660.00-1185.00.

BULLS 185.00-560.00, PUREBREDS

500.00-800.00.

SMALL OPEN HEIFERS

535.00-600.00, SMALLER

275.00-400.00.

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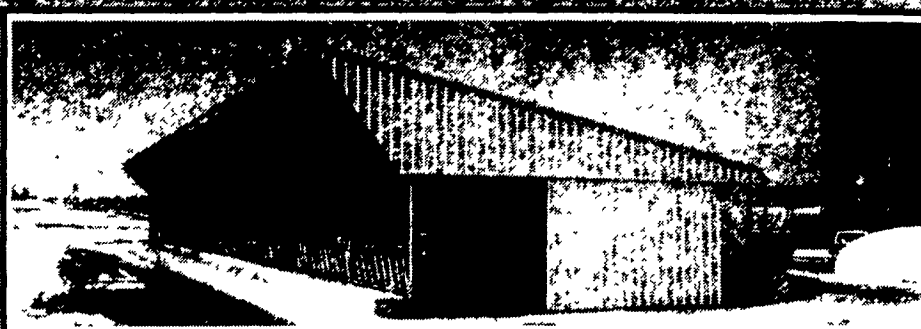


Concrete Slatted Free Stall Barn

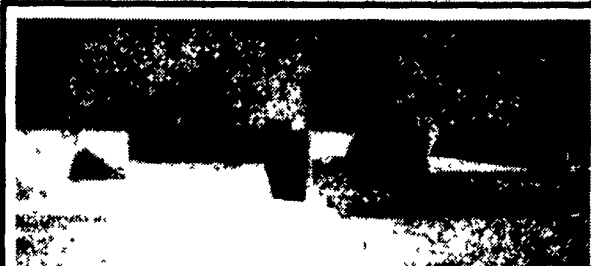
KEYSTONE FARM SHOW



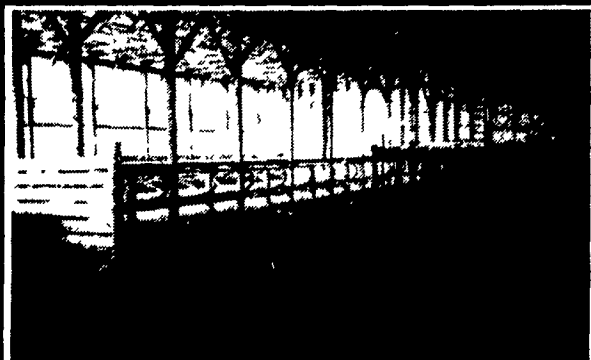
Slatted Beef Barn



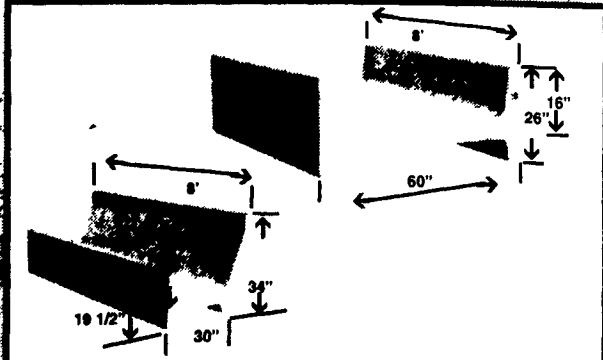
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8 Ft. or 12 Ft. High.



Slatted Free Stall Barn



Concrete Feed Bunks

PHILADELPHIA Terminal
Prices as of 28-DEC-1999

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PARTLY CLOUDY 25-37

NA-FV020

VEGETABLES ---ARTICHOKES: MARKET ABOUT STEADY ctns CA Globe Thornless 12s 16.00-17.00 18s 14.00 24s 12.00-14.00 ---**ASPARAGUS:** MARKET ABOUT STEADY 11 lb ctns/crts bchd PE Green exlge fair cond 18.00-20.00 few 22.00 lge fair cond 14.00-20.00 few 22.00 ord cond 4.00-5.00 std fair cond 18.00-22.00 ---**BEANS:** MARKET ABOUT STEADY buchns/crts FL Round Green Type 12.00-14.00 mostly 12.00 fair cond 7.00-8.00 Handpicked 12.00-14.00 ---**BEETS:** MARKET ABOUT STEADY 25 lb sks lse CD med 4.00-5.00 NJ med 4.00-4.50 ctns bchd TX 12s 9.00 ---**BROCCOLI:** MARKET SLIGHTLY LOWER ctns CA bchd 14s 12.00-15.00 mostly 14.00-15.00 few high as 17.00 20 lb ctns lse CA Crown Cut 16.00-20.00 MX Crown Cut 14.00-15.00 ---**BRUSSELS SPROUTS:** OFFERINGS INSUFFICIENT TO QUOTE ---**CABBAGE:** MARKET ABOUT STEADY 1 3/4 buchns & 50 lb ctns FL Round Green Type med 7.00-8.00 Red Type med 9.00-10.00 GA Round Green Type med 6.00-7.50 mostly 7.00 Red Type med 7.50-8.00 50 lb sks NY Round Green Type lge 4.50-5.00 ---**CARROTS:** MARKET ABOUT STEADY ctns 20 1-lb flmbgs CA Baby Peeled 13.00-14.00 sks 48 1-lb flmbgs CA Topped med-lge 11.00-13.00 mostly 12.00 few 13.50 few 10.00 50 lb sks lse CA Topped jbo 9.00-12.00 CD CDOne Topped jbo 6.50-7.00 ---**CAULIFLOWER:** MARKET LOWER ctns flmwrpd CA 12s 18.00 ---**CELERY:** MARKET 2 2-1/2 DZ SLIGHTLY LOWER, 3 DZ HIGHER ctns CA 1 1/2 dz 16.00-17.00 2 dz 16.00-18.00 mostly 17.00 few 19.00 2 1/2 dz 15.00-18.00 mostly 16.00-18.00 few 19.00 3 dz 15.00-16.00 flmbgs 30s 18.00-21.00 ---**CHINESE CABBAGE:** oclcrts FL 14.00 ---**CORN-SWEET:** OFFERINGS LIGHT

wbcrt FL Yellow 4 1/2-5 dz 18.00 White 4 1/2-5 dz 20.00 ---**CUCUMBERS:** MARKET ABOUT STEADY WAXED 1 1/9 buchns/crts FL med few 11.00 fr qual 10.00 lge 8.00 ---**EGGPLANT:** MARKET ABOUT STEADY 1 1/9 buchns wrpd FL med 9.00-10.00 some 8.00 fair qual 6.00 ocl higher ---**ENDIVE:** MARKET LOWER 10 lb ctns BL Witloof 13.00 1 1/9 buchns/crts FL 11.00-12.00 ---**ESCAROLE:** MARKET LOWER 1 1/9 buchns/crts FL 12.00-14.00 ---**GARLIC:** MARKET STEADY 30 lb ctns CA White super col 24.00 col 22.50 super jbo 21.00 ---**GREENS:** MARKET ABOUT STEADY ctns lse NJ Kale Flowering 10.00 ctns/crts bchd GA Collard 24s 8.00 Kale 24s 7.50 NC Collard 7.00-8.00 Kale 8.00 Mustard 8.00 Turnip Tops 8.00 Rape 8.00 ctns bchd TX Collard 24s 8.50 Kale 24s 7.50 Dandelion 12s 10.00 Kohlrabi 12s 9.00-10.00 Red 12s 9.00-10.00 Swiss Chard 12s 10.00 ---**LETTUCE-ICEBERG:** MARKET LOWER lge ctns AZ 24s 12.00-13.00 Wrapped 24s 13.00-14.00 ctns AZ 24s 10.00-13.00 mostly 10.00-12.00 Wrapped 24s 12.00-15.00 mostly 12.00-14.00 few 16.00 CA 24s 11.00-13.00 mostly 12.00 ---**LETTUCE-OTHER:** MARKET LOWER ctns AZ Boston 24s 12.00 Green Leaf 24s 10.00-12.00 few 13.00-14.00 some 9.00 ord cond 3.00 Red Leaf 24s 10.00-12.00 few 13.00 some 9.00 ord cond 3.00 CA Green Leaf 24s 10.00-12.00 few high as 15.00 few 9.00 ord cond 3.00 Red Leaf 24s 10.00-12.00 few high as 15.00 few 9.00 ord cond 3.00 FL Boston 24s 12.00 Green Leaf 24s 7.00-8.00 Red Leaf 24s 7.00-8.00 Bibb 24s 11.00 MX Boston 24s 12.00 Green Leaf 24s 9.00-10.00 Red Leaf 24s 9.00-10.00 3 lb ctns CA Mesculin Mix 9.00-10.00 fair cond 4.00-5.00 ---**LETTUCE-ROMAINE:** MARKET LOWER ctns AZ 24s 12.00-14.00 some 15.00 CA 24s 12.00-15.00 mostly 12.00 FL 24s 13.00 MX 24s 12.00 ---**MUSHROOMS:** MARKET STEADY ctns 10 10-oz trays flmwrpd PA 8.00-8.50 mostly 8.00 ctns 12 8-oz trays flmwrpd PA 8.00-8.50 mostly 8.00 ctns 10 12-oz trays flmwrpd PA 9.00-9.50 mostly 9.00 10 lb ctns PA lge 12.00 med-lge 12.00 4 qt bkt PA med-lge 5.00-5.50 mostly 5.00 10 lb ctns PA med

9.00-9.50 mostly 9.00 4 qt bkt PA sml-med 4.00-4.50 mostly 4.00 3 lb ctns PA Shiitake 12.00-12.50 fair qual 8.00-10.00 5 lb ctns PA Oyster 16.00-18.00 Portobellas 7.00-8.00 ---**OKRA:** OFFERINGS INSUFFICIENT TO QUOTE ---**ONIONS:** GREEN: MARKET ABOUT STEADY ctns bchd NJ Leeks 12s 9.00-10.00 mostly 10.00 ctns bchd MX 48s 11.00-13.00 mostly 11.00-12.00 sml 9.00-10.00 ---**PARSLEY:** MARKET ABOUT STEADY ctns/crts/bkts bchd FL Curly 60s 14.00 Plain 60s 14.00 ctns bchd TX Curly 60s 14.00-16.00 mostly 15.00 Plain 60s 14.00-15.00 ---**PARSNIPS:** 20 lb flmbgs lse CD 11.00-12.00 ctns 12 1-lb flmbgs CD 9.00 ---**PEAS GREEN:** MARKET ABOUT STEADY 10 lb ctns GU Snow Peas Decalxyz 12.00-15.00 Sugar Snap Peas Decalxyz 12.00-13.00 mostly 12.00 some low as 10.00 ---**PEAS OTHER:** OFFERINGS NONE ---**PEPPERS:** MARKET GREEN SLIGHTLY HIGHER, OTHERS ABOUT STEADY 1 1/9 buchns/crts FL Bell Type Green exlge 11.00-12.00 mostly 12.00 one lot 14.00 lge 9.00-10.00 mostly 10.00 one lot 12.00 med-lge 8.00-9.00 med 7.00-8.00 mostly 8.00 Mxd Red And Green exlge 7.00-9.00 lge 7.00-8.00 5 kg ctns IS Bell Type Red 80-100mm few 26.00 Yellow 80-100mm few 26.00 SP Bell Type Red 80-100mm 27.00 Yellow 80-100mm 26.00 ---**PEPPERS OTHER:** 1 1/9 buchns/crts FL Long Hot 10.00-12.00 few 9.00 Cubanelles med-lge 10.00 ---**RADISHES:** MARKET ABOUT STEADY ctns tpd 30 6-oz flmbgs FL Red 6.00-6.50 mostly 6.00 ctns tpd 14 1-lb flmbgs FL Red 6.50 40 lb flmbgs tpd FL Red 18.00 ctns bchd FL Red 24s 10.00 MX Red 24s 8.00 ---**RHUBARB:** OFFERINGS NONE ---**RUTABAGAS:** WAXED 50 lb sks CD CDOne med 8.00 ---**SPINACH:** MARKET ABOUT STEADY ctns bchd MX Flat 24s 14.00 ctns TX Savoy 10.00-11.00 bubkts TX Savoy 12.00 ---**SQUASH:** MARKET MX SLIGHTLY LOWER, FL ABOUT

STEADY 1/2 & 5/9 buchns/crts FL Zucchini sml-med 9.00 Yellow Straightneck sml-med 9.00-11.00 few 12.00 4/7 buchns MX Zucchini sml-med 8.00-9.00 med 6.00-7.00 Yellow Straightneck med 5.00-6.00 ---**SWEET POTATOES:** MARKET ABOUT STEADY CURED 40 lb ctns LA U.S. One Beauregard med 17.50-18.00 NC U.S. One Jewels med 15.00-15.50 fair appear 13.00 jbo 9.00 ---**TOMATOES:** MARKET LOWER 25 lb ctns FL Vine Ripes pink 5x6s 10.00 6x6s 8.00 ctns 2 lyr MX Vine Ripes Improved Varieties light red 4x5s 14.00-15.00 red 12.00 25 lb ctns FL 85% U.S. One or Better Mature Greens light red-red 5x6s 10.00-11.00 mostly 11.00 6x6s 8.00-9.00 mostly 9.00 5 kg ctns IS Vine Ripes Green house red med-lge 18.00 25 lb ctns Local Repack 85% U.S. One or Better Mature Greens pink-light red 5x6s 16.00 6x6s 15.00 6x7s 11.75 ---**TOMATOES, CHER-RY:** MARKET ABOUT STEADY fits 12 1-pt ctns with lids FL Grape Type light red-red 12.00 fits 12 1-pt bkt FL light red 8.00-9.00 ---**TOMATOES, PLUM TYPE:** MARKET LOWER 25 lb ctns FL light-red 10.00 fair cond 8.00 MX light-red 9.00-10.00 mostly 10.00 ---**TURNIPS:** MARKET STEADY 25 lb sks NJ Purple Top med 5.00-6.00 ---**VEGETABLES OTHER:** 3 kg ctns GU Radicchio 12s 9.00

PHILADELPHIA Terminal
Prices as of 28-DEC-1999

Provided by: Fruit and Vegetable Market News, Federal-State Market News Service, USDA.

Phone: (215) 597-4536 Fax: (215) 336-0355

PARTLY CLOUDY 25-37

NA-FV030

ONIONS AND POTATOES --- ONIONS DRY: MARKET ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. Yellow Globe Type NY 50 lb sks med 6.00-7.00 mostly 7.00 Spanish Hybrid CO 50 lb sks jbo 7.00-7.50 ID/OR 50 lb sks col 8.00 jbo 6.50-7.00 mostly 7.00 UT 50 lb sks jbo 7.00-7.50 Red ID/OR 25 lb sks jbo 6.00 med-lge 5.00 NY 25 lb sks jbo 6.00-7.00 mostly 7.00 med 5.00-6.00 mostly 5.00-5.50 ---**POTATOES:** MARKET STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED Russet Burbank ID 50 lb ctns 40s 12.50-13.00 50s 12.50-13.00 60s 12.50-13.00 70s 12.50-13.00 80s 11.00-12.00 mostly 11.50-12.00 90s 10.50-11.00 100s 9.50-10.00 bid 10 5-lb flmbgs non sz A 9.00-9.50 mostly 9.00 Round Red MN/ND 50 lb sks 9.00-10.00 sz B 13.00-15.00 NY 50 lb sks 7.00-9.00 mostly 7.50-8.00 sz B 11.00-12.00 some 14.00 WA 50 lb sks 14.00 sz B 16.00 Round White CD Prince Edward Island CDOne 50 lb sks 5.50-5.75 mostly 5.50 lge 6.00 Long White CA 50 lb ctns sz B 20.00 creamers 30.00 Yellow Type Yukon Gold CA 50 lb ctns 15.00 sz B 20.

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ANNUAL VEGETABLE GROWERS MEETING

Tuesday, January 4, 2000 - 12:00 to 3 p.m.
at BAREVILLE FIREHALL, Bareville, PA

Jeff Stoltzfus - will review vegetable test plot results from 1998 and discuss the latest varieties.
Tim Elkner - will make pesticide credits available

Leola Produce Auction, Inc.

Wholesale Auction of Lancaster Co. Vegetables
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Leola, PA 17540

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APR**

**December 10th, 1999
Thru March 31st, 2000**

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The cropbuster loan is available to all qualified farmers in the Blue Ball National Bank market. Rate effective on publication date and is subject to change or can be withdrawn at any time without notice. The maturity date of this loan is December 31, 2000.

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Used for over 100 years on cattle, horses, and other domestic animals. Loaded with lanolin!

For CATTLE: Helps in the healing of small injuries, rash, chapping, massage of caked bag

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Oklahoma City Feeder Cattle

Oklahoma City, OK
Wed Dec 22, 1999

USDA-OK Dept Ag Market News
Oklahoma National Stockyards - Weekly
Cattle Summary

Compared to last week: Feeder cattle and calves steady. Demand good for light holiday week receipts. Calves a better value to buyers than past several weeks as many in thin to medium condition. Slaughterer cows steady to 1.00 higher. Slaughter bulls 2.00 higher. Demand very good for less numbers. Total of 350 cows and bulls sold with 36 percent going to packers. Receipts this week 4,500; last week 10,402; last year 1,533. Supply consisted of 42 percent yearlings and calves over 600 lbs; 50 percent calves under 600 lbs; 8 percent cows and bulls. Heifers comprised 47 percent of feeder and calf supply. Prices follow with weighted average weight and price in parenthesis.

Feeder Steers: Medium and Large 1- Calves: 350-400 lbs (382 lbs) 109.50-118.00 (117.63); 400-450 lbs (426 lbs) 104.00-112.00 (109.48); 450-500 lbs (481 lbs) 98.50-106.50 (101.52); 500-550 lbs (530 lbs) 93.50-105.25 (100.20); 550-600 lbs (572 lbs) 89.25-97.00 (94.02); 600-650 lbs (613 lbs) 89.00-95.00 (92.66); 650-700 lbs (674 lbs) 86.50-88.00 (87.57); Yearlings: 650-700 lbs (685 lbs) 89.50-93.75 (91.27); 700-750 lbs (736 lbs) 87.50-93.00 (91.47); 750-800 lbs (777 lbs) 84.25-89.00 (86.70); 800-850 lbs (820 lbs) 84.50-87.75 (86.90); 850-900 lbs (874 lbs) 79.75-84.00 (82.03); lot 970 lbs 75.25. Holsteins: Large 2 550-600 lbs (567 lbs) 63.00-65.50 (64.43); 700-750 lbs 63.50-64.00; 800-825 lbs 59.00-61.00.

Feeder Heifers: Medium and Large 1- Calves: lot 310 lbs 107.00; 350-400 lbs (376 lbs) 94.00-101.50 (98.78); 400-500 lbs (450 lbs) 86.00-97.00 (92.23); 500-550 lbs (524 lbs) 84.75-87.00 (86.02); lot 575 lbs 82.00; lot 615 lbs 79.00; Yearlings: 550-600 lbs (577 lbs) 84.00-88.00 (86.41); 600-650 lbs (625 lbs) 82.00-85.25 (83.91); 675 lbs 80.25; 700-800 lbs (750 lbs) 77.25-83.50 (79.79).

Slaughter Cows: Head %Lean Weight Average Dress High Dress Low Dress *Brk 13 75-80% 1050-1750 36.75-38.50 35.25-35.50 *Bnr 29 80-85% 900-1650 37.00-40.00 39.00-45.00 Lean 56 85-90% 850-1500 35.50-38.50 38.00-43.50 34.00-37.50 Light 4 85-90% 700-850 30.00-33.50

*Brk=Breakers, *Bnr=Boners
Slaughter Bulls: Head Weight Average Dress High Dress Low Dress Yield Grade 1 2 21 1350-2075 49.00-53.50 53.00-54.50 43.50-48.00

Estimated dressed cost at Oklahoma National Stockyards: Lean 80.00; Boners 76.90; Breakers 70.20. Bulls 91.40.

Replacement Cows: Pretested for bangs, pregnancy, and age Medium and Large 1 Age Weight Months Bred Quality Price 2-4 yr old 825-1000 5-8 months avg quality 520.00-585.

00 5-7 yr old 950-1100 6-7 months hi, blacks 625.00-695.00 5-7 yr old 850-1200 5-7 months avg quality 550.00-615.00 8-10 yr old 1000-1100 5-7 months hi, blacks 525.00-550.00 8-10 yr old 950-1300 5-7 months avg quality 445.00-500.00

Aberdeen Sales Company, Inc.

Complete Auction &
Appraisal Service
Churchville, Md.

Report Supplied by Auction
Wednesday, Dec. 22

SLAUGHTER STEERS: 1.00 LOWER. CHOICE 2-4 1100-1400 LBS. 71.50-74.00; SELECT & LOW CHOICE 1000-1500 LBS. 63.00-69.00; HOL. STEERS HI CHOICE & PRIME 1250-1400 LBS. 63.00-65.50; CHOICE 1200-1500 LBS. 60.50-63.00; SELECT, ALL WEIGHTS 53.00-57.00.

SLAUGHTER HEIFERS: 1.00 LOWER. CHOICE & PRIME 950-1300 LBS. 69.50-72.00; SELECT ALL WEIGHTS 900-1400 LBS. 56.00-63.00.

COWS: 2.00 HIGHER. BRK. UT. & COMM. 2-4 BULK 41.00-43.00; HI DRESSING 44.00-48.00; CUTTER & BON. UT. 36.00-40.00; HI DRESSING 40.00-43.00; CANNER & CUTTERS 32.00-35.00; LOW DRESSING 30.00 DOWN.

BULLS: 2.00 HIGHER. ALL WEIGHTS 1100-1900 LBS., 44.00-57.00.

VEAL CALVES: STEADY. CHOICE AND PRIME 200-400 LBS. 77.00-85.00; HI GOOD AND LOW CHOICE ALL WEIGHTS 67.00-73.00.

FARM CALVES: STEADY. HOL. BULLS 100-125 LBS. 130.00-170.00; HOL. BULLS 85-95 LBS. 82.00-120.00; HOL. HEIFER CALVES 100-120 LBS. 260.00-310.00; SMALL FRAME 70-105 LBS. 110.00-190.00; SLAUGHTER CALVES ALL WEIGHTS 25.00-30.00.

FEEDER CATTLE: STEADY. BULLS & STEERS 400-900 LBS. 72.00-94.00; HEIFERS 300-700 LBS. 59.00-83.00.

LAMBS: STEADY. CHOICE & PRIME 90-110 LBS. 83.00-95.00; LIGHTER LAMBS 100.00-120.00; EWES - HEAVY 31.00-40.00, LIGHT 45.00-53.00.

GOATS: STEADY. SMALL 30.00-45.00; MEDIUM 45.00-60.00; LARGE 90.00-110.00.

HOGS: STEADY. 210-250 LBS. 35.00-37.00; 255-300 LBS. 31.00-37.00; SOWS - HEAVY 24.00-31.00; SOWS - LIGHT 18.00-23.00; BOARS ALL WEIGHTS 7.00-10.00.

Carlisle Livestock

Carlisle, Pa.
December 28, 1999

Report Supplied By Auction
SLAUGHTER CATTLE: STEERS, ACTIVE CHOICE 1100-1475 LBS. 68.00-71.75, 1500-1800 LBS. 59.00-70.50;

SELECT AND CHOICE ALL WEIGHTS 65.00-68.00; COULE SELECTS 60.00-64.75.

HEIFERS: CHOICE 66.50-70.25.

COWS: STRONG DEMAND! BREAKERS 39.50-45.50, COUPLE HEIFER TYPES TO 50.50; BONERS 36.00-41.25; LEAN 33.00-38.75; COUPLE LOW DRESSING LIGHTS DOWN TO 28.50; SHELLY 28.00 AND DOWN; BULLS 1400-1990 LBS. 42.50-49.00.

FEEDER CATTLE: STEERS, MOSTLY HEREFORDS OFFERED 450-850 LBS. 66.00-72.00; HOLSTEINS/DAIRY TYPES 450-800 LBS. 60.00-61.00; HEIFERS 400-600 LBS. 70.00-80.00; BULLS 400-850 LBS. 52.00-66.00; CALVES RETURNING TO THE FARM, STRONG DEMAND! HOLSTEIN BULLS #1 95-130 LBS. 142.50-161.00; HOLSTEIN BULLS #2 95-145 LBS. 120.00-140.00; HOLSTEIN HEIFERS #1 95-130 LBS. 220.00-300.00; HOLSTEIN HEIFERS #2 85-120 LBS. 107.50-190.00.

SWINE: HOGS US#1-3 220-270 LBS. 35.00-37.50, 280-300 LBS. 37.00-42.00; BOARS OVER 400 LBS. 6.00; FEEDER PIGS BY THE HEAD, STRONG DEMAND! 15-25 LBS. 28.00-42.00, 25-45 LBS. 28.00-40.00, 45-60 LBS. 37.00-44.00, 60-65 LBS. 42.00-47.00.

GOATS: BY THE HEAD, LARGE NANNIES 60.00-77.50, FANCY KIDS 50.00-67.50, FLESHY KIDS 35.00-49.00, SMALL/THIN KIDS 30.00-34.00.

LAMBS: GOOD AND CHOICE 50-75 LBS. 130.00-145.00, GOOD 80-140 LBS. 72.00-88.00.

SHEEP: ALL WEIGHTS 42.00-52.00. SALE EVERY TUES. 5 P.M. FOR RABBITS, POULTRY AND EGGS; 6:30 P.M. FOR LIVESTOCK, STARTING WITH CALVES; SPECIAL FED CATTLE SALE TUES. JAN. 4; STATE GRADED FEEDER PIG SALES FRI, JAN. 14; PEN LOTS OF CATTLE SOLD IN ORDER RECEIVED. EARLYBIRD PENS CLOSE TUES. 2 P.M.

Lebanon Valley Livestock

Fredericksburg, PA
December 28, 1999

Report Supplied by Auction

STEERS: CHOICE 2-3 1330-1445 LBS. 68.75-69.75; SELECT 1-3 68.00; STANDARD 1-2 65.50.

HOLSTEIN STEERS: CHOICE 2-3 1330-1580 LBS. 60.0-62.00; SELECT 1-2 57.00-58.00; STANDARD 1-2 50.50-55.00.

HEIFERS: STANDARD 1-2 47.50-50.00.

COWS: BREAKERS 75-80% LEAN 41.00-43.25, BONERS 80-85% LEAN 39.50-40.75, LEAN 85-90% LEAN 37.00-39.25, SHELLS DOWN TO 28.00-36.00.

BULLS: YG#1 2050 LBS. 47.75; YG#2 1625 LBS. 45.25.

FEEDER CATTLE: STEERS HOLSTEINS 270-455 LBS. 50.00-63.00; HEIFERS 250 HOLSTEINS 1.00; 590-990 LBS. 45.00-49.00; BULLS 580-815 LBS. 50.50-58.50.

CALVES: STANARD AND GOOD 90-115 LBS. 60.00-85.00; UTILITY 75 LBS. 36.00.

FARM CALVES: #1 95-115 LBS. 150.00-173.00; #2 85-115 LBS. 110.00-148.00; HOLSTEIN HEIFERS #1 85-100 LBS. 260.00-302.50; #2 75-115 LBS. 95.00-227.50.

HOGS: BARROWS AND GILTS 45-50% 223 LBS. 36.50.

SOWS: US#1-3 450 LOBS. 31.50; US#1-3 500-600 LBS. 27.00-29.75; MED. 350-400 LBS. 28.00-33.25.

BOARS: 260 LBS. 14.00; 360-600 LBS. 6.75-7.25.



PLANTING FOR THE NEW MILLENNIUM January 25-27, 2000 Hershey Lodge and Convention Center, Hershey, PA Trade Show

Over 130 Suppliers for Fruit and Vegetable Growers
Educational Sessions
Over 50 Expert Speakers from Across the Nation

Tree Fruits

January 25, 2000

The Fire Blight Threat and Its Management
In the Forefront on Fire Blight
Pesticide Application Does Precision Ag Work?
What are Growers Planting and What are the Trends
Ethephon Usage in Apples

January 26, 2000

Efficient Use of Pesticides and Drift Mitigation
Overview of Plum Pox
Black Peach Aphid Control
Bloom Thinning of Peaches with WilThin
Mating Disruption for Peaches
Pillar Form Peaches
Novel Peach Training Systems and High Density

Apriums and Pluots

Peach and Apple IPM

Nematode Suppression

January 27, 2000

Airblast Sprayers
Transitional Strategies Without or With Limited OPs
Organic Standards
Food Safety Approaches
Future Trends for Apples and Cider
New Technologies for Mating Disruption
Bacterial Spot Control
Peach Breeding
Wegman's IPM Program and CORE Values Program

Computer Use

January 25, 2000

Internet for Beginners
Virtual Orchard* Web Site
Palm PC's
Build Your Own Homepage

January 26, 2000

Spreadsheets
Database
Field Mapping/Record Keeping
Surfing Internet for Ag Sites
Computerizing Pesticide Records

Vegetables

January 25, 2000

Construction & Use of High Tunnels
Basic Vegetable Production
-Nutrition, Insect and Weed Control
-Handling and Storage
Greenhouse Vegetable Workshop
-Glazings & Ventilation
-Organic and Hydroponic Production
Cole Crops
-Varieties, Insect and Weed Control
Plastic Mulches
-Additives, Colors, Equipment
Sweet Corn
-IPM, Varieties, Nutrition, Weed Control
Sustainable Growing
-Environmental Stewardship--
Dr. Rhonda Janke, Kansas State Univ
-Cover Crops
Potatoes
-Varieties, Storage, Drip Irrigation
-Insect and Disease Control

January 26, 2000

Irrigation
-Types and Costs of Equipment
-Fertigation
Peppers
-Varieties, Nutrition
-Insect and Disease Control
Fumigation/Pesticide Application
-New Application Technologies
-The ABC's of Fumigation
Tillage Alternatives
-Maintaining Soil Quality
-Tillage Systems and Crop Rotations
Processing Crops
-Sweet Corn, Peas, Snap Beans, Lima Beans, Peppers

January 27, 2000

Vine Crops
-Spacing and Varieties
-Pest Management Update
-Tips for Successful Production
Tomato School
-Disease and Insect Control
-Fresh Market Varieties and Breeding
-High Tunnels & Stakes
-Ethrel Use, Fertility for Processing
-Processing Grower Panel
Processing for Value Added

Small Fruits

January 26, 2000

Strawberries
-Plasticulture, Greenhouse
Blueberries, Blackberries
January 27, 2000
Using Bees to Control Botrytis
Nematode Injury
Hardy Kiwi
Bramble Basics
Getting Started in Blueberries
Getting Started in Grapes

Marketing & Labor

January 25, 2000

Wholesale Marketing
- "Simply Delicious" Promotion
- What Buyers Want in Local Produce
Labor and Regulatory Issues
- H-2A Program
- What Do You Do if You Get a Letter from INS or SSA?
- EQPA, WPS
Crop Insurance
January 26, 2000
Marketing
- Signs that Sell
- Mason Farms Overview
- Starting a Roadside Market
- Customer Service
- Cooperatives, Auctions
- Farmers' Markets

Flowers

January 26, 2000

Bedding Plants
- New Container Plants
- Marketing
- New Pest Control Products
- Diagnosing Insects and Diseases
Perennial Flowers
- Weed Control, Varieties
- Overwintering
January 27, 2000
Cut Flowers
- Specialty Cuts in the Greenhouse
- Marketing, New Cultivars

PA TOBACCO MARKETING ASSOCIATION

Location Jayln Drive,
Orland Industrial Park, New Holland
(next door to last year's location)

We will sell tobacco for non-members.
Commission for non-members is 8¢/lb.
We will still accept new members. Cost
for membership is \$50 and member's
commission is 6¢/lb. Members are
eligible for refund at end of year.

WE WILL HAVE SALE Mon., Jan. 3, 2000

Next sale will be Jan. 5 IF there is
enough tobacco on the floor to make it
worthwhile.

Call for appointment to deliver tobacco
Warehouse 355-5336,
if no answer try 626-6970

GOOD USED MIXERS FOR SALE



- Rissler 190 TMR Stationary Mixer w/Beam Scale
- Lucknow 220 Trailer Mixer
- Oswalt 230 Trailer Mixer in working condition

Also:

- Big Jim 20' Dia. Silo Unloader (Old Style)
- V1-12 ft. Unloader complete w/Hexapod Hoist
- Jamesway 16 ft. Volumaster, Complete - Excellent Condition
- Silo-Matic 20 ft. Ring Drive

All In Good Condition

★ **STAR SILO** ★
Myerstown, PA
800-431-7709

For fruit program and registration fees information contact
State Horticultural Ass'n of Pennsylvania - Maureen Irvin - 717-677-4184
New Jersey State Horticultural Soc. - William Tietjen - 908-475-6505 or
Maryland State Horticultural Soc. - Richard Heflebower - 301-432-2767 ext 324

For vegetable and bedding plant program
and registration fees information contact
Pennsylvania Vegetable Growers Ass'n
William Troxell - 717-694-3596

Greencastle Livestock

Greencastle, Pa.
December 27, 1999

CATTLE 417...PDA...SUPPLY INCLUDED 77 SLAUGHTER STEERS AND HEIFERS, 281 SL. COWS, 20 BULLS AND 39 FEEDER CATTLE. SLAUGHTER STEERS: ONE HIGH CHOICE AND PRIME 2-4 1330 LBS. 73.50, FEW CHOICE 2-3 1140-1310 LBS. 66.00-70.25, SELECT 1-3 62.50-64.50, STANDARD 1-2 45.00-55.50.

HOLSTEINS: FEW HIGH CHOICE AND PRIME 2-3 1500-1585 LBS. 59.25-60.25, FEW CHOICE 2-3 1345-1545 LBS. 54.75-58.75, SELECT 1-2 49.00-55.00, STANDARD 1-2 41.00-47.50.

HEIFERS: HIGH CHOICE AND PRIME 2-4 1120-1320 LBS. 70.75-72.50, CHOICE 2-4 1025-1325 LBS. 66.75-70.50, FEW SELECT 1-3 60.00-64.00.

SLAUGHTER COWS: BREAKERS 75-80% LEAN 38.00-44.50, ONE 47.00, LOW DRESSING DOWN TO 35.50, BONERS 80-85% LEAN 36.00-41.00, LOW DRESSING DOWN 32.50-35.00, LEAN 85-90% LEAN 27.00-37.75, FEW UP TO 39.50. SHELLS DOWN TO 19.50. BULLS: YG#1 1070-2045 LBS. 46.75-50.75, ONE 61.75, YG#2 1145-1560 LBS. 43.00-47.00.

FEEDER CATTLE: STEERS FEW MED. AND LARGE 1 200-455 LBS. 85.00-114.00, COUPLE 905 AND 960 LBS. 61.00-61.50, HEIFERS FEW MED. AND LARGE 1 310-545 LBS. 70.00-83.00, 625-1035 LBS. 59.00-60.00, FEW MED. AND LARGE 2345-740 LBS. 45.00-56.00, BULLS COUPLE MED. AND LARGE 1305 AND 375 LBS. 94.00 AND 103.00, ONE MED. 1 1070 LBS. 65.50, FEW MED. AND LARGE 2 200-480 LBS. 45.00-73.00, 500-735 LBS. 55.00-64.00, 800-1000 LBS. 38.00-54.00. CALVES: 282...VEALERS STANDARD AND GOOD 70-95 LBS. 20.00-32.00, UTILITY 60-100 LBS. 5.00-18.00.

FARM CALVES: HOLSTEIN BULLS STEADY WITH SPOTS TO 5.00 HIGHER...#1 HOLSTEIN BULLS 85-120 LBS. 120.00-170.00, BULK OF SALES 130.00-165.00, #2 80-125 LBS. 50.00-150.00 WITH A FEW TO 35.00, FEW #1 HOLSTEIN HEIFERS 80-85 LBS. 260.00-270.00. BEEF TYPE BULLS

AND HEIFERS 80-100 LBS. 80.00-140.00.

HOGS: 24...BARROWS AND GILTS 40-45% LEAN 315-380 LBS. 37.00-39.00, ONE LOT 46.00.

SOWS: US#1-3 400-480 LBS. 22.00-34.00, 510-600 LBS. 28.00-34.00.

BOARS: ONE 200 LBS. 17.00.

FEEDER PIGS: 48...FOR SLAUGHTER (UTILITY) 60-90 LBS. 48.00-57.00 PER CWT.

SHEEP: 34...SLAUGHTER LAMBS CHOICE 70-95 LBS. 96.00-110.00, 100-150 LBS. 76.00-95.00.

SLAUGHTER SHEEP: 26.00-48.00.

GOATS: 109...BY THE HEAD, LARGE BILLIES 86.00-155.00,

MEDIUM BILLIES 50.00-78.00, LARGE NANNIES 60.00-76.00, MEDIUM

34.00-47.50, LARGE KIDS 25.00-59.00, SMALL 17.50-21.50, SPECIAL CON-

SIGNMENT OF 50 HEAD OF BOER

CROSS GOATS, MEDIUM BILLIES

AND WHETHERS 61.00-102.50,

MEDIUM NANNIES 82.50-120.00,

LARGE KIDS 56.00-80.00 PER HEAD.

Westminster Livestock Auction

Hagerstown, Md.
December 28, 1999

Report supplied by auction

SLAUGHTER COWS: 110 HEAD, STEADY. UTILITY 36.50-40.50; HIGH DRESSING 40.75-43.25; CANNERS 32.00-36.00; SHELLY 32.00 AND DOWN.

BULLS: 9 HEAD, 2.00 HIGHER. YG#2 42.00-45.75; 2 CHOICE BULLOCKS 1374 LBS. AT 64.75.

FED STEERS: STEADY PRICES.

CHOICE #2-3 1300-1450 LBS.

70.00-71.75; LOW DRESSING CHOICE

1100-1400 LBS. 67.00-69.00; SELECT

1100-1300 LBS. 57.00-64.00.

FED HEIFERS: CHOICE 1050-1375

LBS. 67.00-69.50.

VEAL CALVES: 123 HEAD. CULLS

85-110 LBS. 26.00-31.00, 60-85 LBS.

18.00-25.00.

FARM CALVES: HOLSTEIN BULLS

GOOD DEMAND. #1 95-120 LBS.

130.00-160.00, FEW TO 168.00; #2

95.00-125.00; #1 85-94 LBS.

100.00-145.00; #2 82-94 LBS.

32.00-80.00; HOLSTEIN HEIFERS #1

95-120 LBS. 255.00-300.00; #2 75-90

LBS. TO 127.00; BEEF X BULLS

75.00-120.00; BEEF X HEIFERS TO

95.00.

BUTCHER HOGS: 37 HEAD. #1&2 235-265 LBS. 36.00; #1&3 34.00-35.00;

270-290 LBS. 34.00; 295-360 LBS. 28.00-32.00.

SOWS: 14 HEAD. 400-500 LBS.

26.00-28.50; 500-600 LBS. 30.00-33.00;

600-700 LBS. 31.00-32.50.

STOCK CATTLE: 130 HEAD.

STEERS MED. AND LARGE FRAME

300-400 LBS. 89.00-97.00; 400-600 LBS.

76.00-86.00; 600-700 LBS. 70.00-74.00;

700-800 LBS. 62.00-69.50; 800-900 LBS.

58.00-60.00.

HEIFERS: MED. AND LARGE

FRAME 300-500 LBS. 65.00-79.00;

500-600 LBS. 67.00-77.00; 600-700 LBS.

64.00-74.00.

BULLS: MED. AND LARGE FRAME

200-400 LBS. 78.00-91.00; 400-500 LBS.

75.00-88.50; 500-600 LBS. 70.00-80.00;

600-700 LBS. 67.00-71.00.

SHEEP: 13 HEAD 37.00-48.00;

HEAVY WEIGHTS 29.00-39.00.

LAMBS: 33 HEAD, HIGHER PRICES.

CHOICE WOOLED 80-110 LBS.

84.00-93.00; CHOICE 60-80 LBS.

98.00-109.00; GOOD 50-80 LBS.

90.00-107.00; WOOLED 130-140 LBS.

65.00-67.00.

GOATS: 162 HEAD, PRICES HIGH-

ER. LARGE BILLIES 75.00-125.00;

MEDIUM BILLIES 55.00-70.00; LARGE

NANNIES 60.00-75.00; MEDIUM NAN-

NIES 35.00-60.00; SMALL FLESHY

35.00-50.00; SMALL 15.00-30.00.

PIGS AND SHOATS: 58 HEAD. BY

THE HEAD, STRONG DEMAND MAIN-

LY FROM SLAUGHTER BUYERS.

15-25 LBS. 11.00-26.00; BY THE LB.

60-75 LBS. 53.00-73.00; 80-90 LBS.

45.00-62.00; 100-120 LBS. 36.00-41.00.

Central Carlot Beef Report

Des Moines, IA
Tue Dec 28, 1999

USDA Market News

USDA NATIONAL CARLOT BEEF

REPORT (includes major production areas

in the Midwest and TX) as of 3:00 PM

COW & BULL CARCASS FOB OMAHA

Loads Reported. Compared to Monday's

3:00 P.M. report: Cow and bull carcasses

not established.

UT,brk 2-4 450#/up 67.00 B UT,brg 1-3

400#/up 71.00 B Cutter 1-2 350#/up 70.00

B Bulls YG 1 500#/up unq

COW & BULL CARCASS CAF WEST COAST Loads Reported. Compared to last week:

Market for Week Ended: December 23, 1999 Lds Price Range UT,brk 2-4 450#/up UT,brg 1-3 400#/up 72.00 Cutter 1-2 350#/up 72.00 Bulls YG 1 500#/up

BONELESS PROCESSING BEEF/

BEEF TRIMMINGS 92.0 Loads Reported.

Texas lean boneless beef prices are two-

tiered. This week and early next week

delivery trading steady and delivery after

Tuesday of next week was 3.00 lower;

75% 2.00 lower; 65% steady to 1.50 lower.

Demand and offerings light to moderate.

Beef trimmings mostly lower on moderate

demand and moderate to heavy offerings.

FOB OMAHA BASIS: Chm Ln Lds Price

Range Wtavg 90% fr 103.0 - 104.0 103.70

B 90% fr 106.0 - 109.0 107.00 B 85% fr

94.0 - 95.5 94.94 C 85% fr 75% fr 3 73.0

73.00 75% fr 65% fr 9 65.5 - 67.0 66.44

65% fr 50% fr 70 50.00 - 55.00 51.51 50%

fr unq 50% bx unq Bull 92-94 unq

FOB EAST TEXAS AND OKLAHO-

MA: Chm Ln Lds Price Range Wtavg 90%

fr 10 101.0 - 106.0 102.90 90% fr 107.0

107.00 B 85% fr 85% fr 75% fr 75% fr

65% fr 65% fr

CAF NORTHEAST AREAS: Chm Ln Lds Price

Lds Price Range Wtavg 90% fr 109.0 -

112.0 110.85 C 90% fr 85% fr unq 85% fr

75% fr 75% fr 65% fr 65% fr

CAF WEST COAST BASIS Market for

Week Ended: 12/23/99 Chm Ln Lds Price

Range Wtavg 90% fr 106.50 - 107.50

107.23 90% fr unq 85% fr 99.00 - 100.00

99.15 85% fr unq 75% fr 82.00 82.00 75%

fr unq 65% fr 67.00 - 68.50 67.45 65% fr

50% fr 55.00 - 55.50 55.33 50% fr unq

**ABCDE after quotes represents days

since last actual market test. Quotes are

dropped after 5 days of no test or before if

they no longer reflect current market

conditions.**

Morrison Cove Livestock

Martinsburg, Pa.
December 27, 1999

Report Supplied by Auction

CATTLE: 81.

STEERS CHOICE 66.00-72.20; GOOD

63.00-65.75.

HEIFERS: CHOICE 66.00-73.25;

GOOD 60.00-64.50.

COWS: UTILITY & COMMERCIAL

36.00-42.50, CANNER AND LOW CUT-

TER 15.00-35.75.

BULLOCKS: GOOD & CHOICE 43.00-54.00.

BULLS: YIELD GRADE NO. 1

42.00-51.00.

FEEDER CATTLE: STEERS

55.00-74.00; BULLS 52.00-65.00; HEIF-

ERS 48.00-68.00.

CALVES: 79. PRIME, NO MKT. TEST;

CHOICE 66.00-83.00; GOOD

62.00-69.00; STANDARD 18.00-38.00;

HOLSTEIN BULLS 90-130 LBS.

45.00-151.00; HOLSTEIN HEIFERS

90-130 LBS. 105.00-285.50.

HOGS: 229. US NO. 1-2 38.00-39.00;

US NO. 1-3 35.50-37.50.

SOWS: US NO. 1-3 22.00-34.00.

BOARS: 7.00-21.00.

FEEDER PIGS: 54 HEAD. US#1&3

20-50 LBS. 11.00-32.00.

SHEEP: 29. CHOICE AND GOOD

LAMBS, NO MARKET TEST, SLAUGH-

TER EWES 35.00-42.00.

GOATS: 30.00-118.00.

Valley Stockyards

Athens, Pa.

December 27, 1999

Report Supplied By Auction

HOLSTEIN HEIFER CALVES:

150.00-315.00.

BACK TO FARM CALVES: 95-120

LBS. 100.00-177.50, 70-95 LBS.

36.00-157.50.

SLAUGHTER CALVES: 10.00-28.00.

GRASSERS AND STR. CFS.: NONE.

FEEDERS: 48.00-77.00.

LAMBS: 80.00-117.50.

SHEEP: 28.00-40.00.

HOGS: 200-250 LBS., 39.00-44.00.

SOWS: 15.00-28.00.

BOARS: 3.00-3.50.

PIGS, EACH 23.00-44.50.

HEIFERS: 45.50.

STEERS: 45.00-46.00.

BULLS: 36.75-44.75.

COWS GOOD: 38.00-43.00.

COWS MEDIUM: 32.00-37.25.

COWS THIN: 10.00-32.00.

CATTLE MARKET STRONG.

CALF MARKET STRONGER.

HORSES & PONIES TO 305.00.

GOATS: 17.00-89.00.

BACK TO FARM CALVES HIGHER.

FEEDER SALE 1ST MON. EACH

MONTH; DAIRY SALE 3RD THURS. OF

GRAIN, CATTLE, HOG, & MILK BFP FUTURES MARKETS

Markets Courtesy Of Chicago Board and Mercantile Exchange
(Closing bids: Wednesday, December 29, 1999)

Corn

Daily Prices As of :- Tuesday, 28 December

Symbol: C

	Open	High	Low	Last	Chge
12/28/99 MAR 00	2040	2050	2030	2046	+6
12/28/99 MAY 00	2106	2116	2096	2114	+4
12/28/99 JUL 00	2172	2184	2164	2182	+2
12/28/99 SEP 00	2244	2250	2234	2246	+2
12/28/99 NOV 00	2310	2310	2296	2304	unch
12/28/99 DEC 00	2330	2340	2322	2336	unch
12/28/99 JAN 01	2350	2350	2350	2350	unch
12/28/99 MAR 01	2414	2420	2406	2420	unch
12/28/99 JUL 01	2502	2504	2492	2502	unch
12/28/99 DEC 01	2540	2544	2540	2544	+4

Total	Volume	Open_Int
12/27/99	37570	385302

Soybeans

Daily Prices As of :- Tuesday, 28 December

Symbol: S

	Open	High	Low	Last	Chge
12/28/99 JAN 00	4590	4602	4564	4582	-2
12/28/99 MAR 00	4672	4684	4650	4666	-2
12/28/99 MAY 00	4742	4754	4724	4740	-2
12/28/99 JUL 00	4810	4824	4792	4810	unch
12/28/99 AUG 00	4814	4824	4814	4814	+4
12/28/99 SEP 00	4844	4844	4814	4814	-4
12/28/99 NOV 00	4880	4894	4880	4880	-4
12/28/99 NOV 01	5120	5120	5120	5120	unch

Total	Volume	Open_Int
12/27/99	47626	147082

Daily Prices As of :- Tuesday, 28 December

Symbol: O

	Open	High	Low	Last	Chge
12/28/99 MAR 00	1100	1100	1086	1090	-2
12/28/99 MAY 00	1150	1150	1140	1142	unch
12/28/99 JUL 00	1130	1130	1122	1122	unch
12/28/99 SEP 00	1164	1164	1164	1164	unch
12/28/99 DEC 00	1240	1240	1240	1240	-4

Total	Volume	Open_Int
12/27/99	402	12648

Daily Prices As of :- Tuesday, 28 December

Symbol: SM

	Open	High	Low	Last	Chge
12/28/99 JAN 00	1455	1459	1447	1451	-5
12/28/99 MAR 00	1460	1462	1450	1456	-3
12/28/99 MAY 00	1460	1463	1452	1456	-4
12/28/99 JUL 00	1473	1475	1467	1471	-1
12/28/99 AUG 00	1470	1474	1470	1470	-1
12/28/99 SEP 00	1475	1475	1470	1471	-2
12/28/99 OCT 00	1475	1475	1471	1471	-1
12/28/99 DEC 00	1503	1505	1499	1504	-1
12/28/99 JAN 01		1505	1505	1505	+2

Total	Volume	Open_Int
12/27/99	16160	99134

Weekly Dairy Market Outlook

Ken Bailey
Penn State University

December 26, 1999 Cheese Stocks Steady

- American cheese stocks for November up 17 percent
- Cheese prices will likely remain weak
- Butter stocks down 5.8 percent

I'm supposed to be on vacation, but I can't stay away from the dairy markets. Here's a brief update.

USDA released a Cold Storage report last week and the numbers are interesting. Butter stocks at

the end of November were 5.8 percent below a year ago. With butter production about even with year ago levels, that would indicate that butter demand has been fairly good so far. Look for December butter stocks to be even lower, assuming Holiday demand has been good. That should result in a slight rise in butter prices for January.

Cheese stocks were disappointing. Stocks for American cheese fell a little over 3 million pounds between October and November. November stocks were up 17.1 percent over a year ago. Production for cheese so far this

year has been up around 6 percent. What does this mean? The strong Holiday demand for cheese consumption I had been expecting has not yet materialized. With cheese stocks so far ahead of year ago levels, it appears that cheese prices will remain in the doldrums through January.

For more details and graphs, check out my website: <http://www.aers.psu.edu/dairyoutlook/>



Lean Hogs

Daily Prices As of :- Tuesday, 28 December

Date	Open	High	Low	Last	Chge	Prev. Volume	Prev. Open_Int
12/28/99 Feb 00	5550	5550	5400	5460	-122	1067	24725
12/28/99 Apr 00	5695	5700	5597	5622	-88	338	9367
12/28/99 Jun 00	6445	6445	6340	6372	-93	471	6104
12/28/99 Jul 00	6320	6320	6235	6242	-93	178	1956
12/28/99 Aug 00	6125	6130	6070	6070	-75	54	1154
12/28/99 Oct 00	5662	5675	5640	5650	-25	58	741
12/28/99 Dec 00	5490	5565	5485	5495	-25	30	218
12/28/99 Feb 01	5745	5795	5740	5740	-10	11	14
12/28/99 Apr 01	0	5617	5617	5617	+7	0	1

Composite	Volume	Open_Int
12/27/99	2209	44280

Live Cattle

Daily Prices As of :- Tuesday, 28 December

Date	Open	High	Low	Last	Chge	Prev. Volume	Prev. Open_Int
12/28/99 Dec 99	6952	6960	6940	6942	-20	1692	4840
12/28/99 Feb 00	6915	6950	6907	6937	unch	4715	52471
12/28/99 Apr 00	7120	7150	7105	7145	+18	907	29472
12/28/99 Jun 00	6907	6930	6905	6920	+8	606	13346
12/28/99 Aug 00	6937	6955	6935	6952	+12	252	7255
12/28/99 Oct 00	7135	7160	7120	7150	+23	39	3141
12/28/99 Dec 00	7257	7270	7250	7270	+13	30	2817

Composite	Volume	Open_Int
12/27/99	8241	113342

Lumber

Daily Prices As of :- Tuesday, 28 December

Date	Open	High	Low	Last	Chge	Prev. Volume	Prev. Open_Int
12/28/99 Jan 00	34350	34440	33810	34150	unch	524	1401
12/28/99 Mar 00	34100	34100	33640	33840	+10	288	914
12/28/99 May 00	33070	33120	32860	32860	-80	58	375
12/28/99 Jul 00	0	32870	32870	32870	-90	9	95
12/28/99 Sep 00	0	32630	32620	32630	-120	8	45
12/28/99 Nov 00	32050	32050	31700	31700	-350	2	1
12/28/99 Jan 01	32010	32020	32010	32020	-30	0	1

Composite	Volume	Open_Int
12/27/99	885	2832

BFP Milk

Daily Prices As of :- Tuesday, 28 December

Date	Open	High	Low	Last	Chge	Prev. Volume	Prev. Open_Int
12/28/99 Dec 99	968	971	968	971	+3	5	991
12/28/99 Jan 00	1030	1040	1027	1035	-5	14	774
12/28/99 Feb 00	1050	1051	1050	1051	unch	11	619
12/28/99 Mar 00	1070	1070	1060	1060	-10	7	589
12/28/99 Apr 00	1110	1110	1100	1105	-5	0	448
12/28/99 May 00	1115	1120	1115	1120	-7	0	394
12/28/99 Jun 00	1170	1170	1167	1167	-8	0	324
12/28/99 Jul 00	1252	1252	1250	1251	-2	1	353
12/28/99 Aug 00	1281	1281	1280	1280	-1	3	281
12/28/99 Sep 00	1296	1296	1295	1296	-4	5	263
12/28/99 Oct 00	1290	1292	1290	1292	+2	1	177
12/28/99 Nov 00	1278	1278	1275	1276	-3	1	76

Composite	Volume	Open_Int
12/27/99	48	5289

Table 1. Dairy Stocks in Cold Storage

	Nov 30 1998	Oct 31 1999	Nov 30 1999	% chng year ago
	1000 Pounds			
Dairy Products				
Butter, total (Government owned)	28,698	64,449	27,032	-5.8%
	8	391	319	3887.5%
Natural Cheese				
American, total (Government owned)	388,529	458,569	455,014	17.1%
	26	67	47	80.8%
Swiss	11,911	9,372	9,145	-23.2%
Other natural cheese	94,029	153,072	133,819	42.3%
Total natural cheese	494,469	621,013	597,978	20.9%

Source: USDA, Cold Storage Report.

Ken Bailey

Updated 12/26/99.

Estimated Daily Livestock Slaughter

Under Federal Inspection

Dec. 21

	CATTLE	CALVES	HOGS	SHEEP
TUESDAY 12/28/99 (EST)	126,000	5,000	381,000	14,000
WEEK AGO (EST)	127,000	4,000	392,000	18,000
YEAR AGO (ACT)	127,000	6,000	390,000	14,000
WEEK TO DATE (EST)	247,000	10,000	753,000	28,000
SAME PD LT WK (EST)	251,000	9,000	789,000	33,000
SAME PD LT YR (EST)	252,000	12,000	780,000	28,000

Eighty-four Livestock

Eighty-four, Pa.
December 27, 1999

Report Supplied By PDA

CATTLE 258 [SUPPLIED BY THE AUCTION] SLAUGHTER STEERS Standard 1-2 45 50-56 00 HEIFERS Standard 1-2 42.00-49 50 COWS Breakers 75-80% lean 39 00-44 75, Boners 80-85% lean 34.00-38 75, Lean 85-90% lean 27 00-33 50. Shells 26 50 and down

BULLS Yield Grade 1 990-1675 lbs 46 00-57 50, Yield Grade 2 1245-2600 lbs 40 00-46 50

FEEDER CATTLE STEERS Medium and Large 1 300-500 lbs 72 00-88 00, 500-810 lbs 63 00-76 00, Medium and Large 2 310-500 lbs 55 00-66 00, 500-825 lbs 52 00-63 50, HEIFERS. Medium and Large 1 300-500 lbs 70 00-85 00, 500-800 lbs 66 00-72 00, Medium and Large 2

320-500 lbs 57.00-66 00, 500-800 lbs 50 00-62 50, BULLS Medium and Large 1 275-750 lbs 68.00-90 00, Medium and Large 2 350-825 lbs 51 00-70 00.

CALVES 161 [All calves sold per cwt] VEALERS: Standard and Good 90-130 lbs 27 50-55 00, 80-95 lbs 27 50-45 00, Utility 55-80 lbs 10.00-27 50.

FARM CALVES No 1 Holstein bulls 90-125 lbs 92 50-140 00, No 2 85-115 lbs 47 50-92 50, No 1 Holstein heifers 85-115 lbs 205 00-305 00, No 2 Holstein heifers 80-105 lbs 95 00-175 00

Beef type bulls and heifers 80-120 lbs 70 00-122 50

HOGS 6 BARROWS AND GILTS 40-45% lean 250-270 lbs 34 00-39 50

SOWS one US 1-3 380 lbs 24 00

FEEDER PIGS 11 US 1-3 16 lbs 20 00, 45-100 lbs 17 00-36 00 --- per head

SHEEP 164 SLAUGHTER LAMBS High Choice and Prime 100-125 lbs 75 00-

88 00, 34-60 lbs 101.00-156 00, Choice 60-80 lbs 86 00-112 00, 80-100 lbs 81 00-94 00

GOATS 22. Large Billies 52 00-100 00, Medium 52 00-62 00, Large Nannies 52 00-65 00, Medium Nannies 39 00-56 00, Small Goats 24 00-42 00 --- per head

Belleville Livestock

Belleville, Pa.

December 22, 1999

Report Supplied By PDA

CATTLE 298 [PDA]..[Supply included 210 cows and heifers in Dairy sale] HOLSTEIN STEERS. couple Select 1-2 46 25 & 47 00 HEIFERS. few Standard 1-2 38 00-43 25. SLAUGHTER COWS Breakers 75-80% lean 39 00-44 75, few low dressing 36.50-44 75, Boners 80-85% lean 36 50-41 75, low dressing 33 00-35 75, Lean 85-90% 28 50-37 75 Shells down to 23 00. BULLS one Yield Grade 1 1445 lbs 41 50

FEEDER CATTLE STEERS few Medium 1-2 340-470 lbs 43 00-57 00. HEIFERS couple Medium 2 505 & 915 lbs 42 50 & 45 00, BULLS few Medium 1-2 730-895 lbs 45 50

CALVES 62 VEALERS Standard and Good 75-95 lbs 19 00-23 00, Utility 60-90 lbs 5 00-15 00

FARM CALVES No 1 Holstein bulls 90-130 lbs 120 00-147 00, No 2 80-115 lbs 60 00-112 50 with a few to 40 00, No 1

Holstein heifers 80-110 lbs 240 00-295 00, No 2 70-85 lbs 85 00-235 00

HOGS 8 BARROWS AND GILTS few 45-50% lean 255-260 lbs 35 00-37 50, few 40-45% lean 230-260 lbs 31 00-33 00

BOARS one 720 lbs 3 00

FEEDER PIGS 52 US 1-3 250-40 lbs 10 00-15 00, 45-60 lbs 17 00-29 00 --- per head

SHEEP 18 SLAUGHTER LAMBS few Choice 65-85 lbs 72.00-90.00, few Good and Choice 70-100 lbs 52 00-60 00

SLAUGHTER SHEEP 32 00-38 00, Yearlings 53 00-57 00

GOATS 16 Large Billies 69 00-111 00, Medium and Small Billies 28 00-58 00, couple Large Nannies 41 00 & 46 00, one Medium 32 00, couple Large Kids 40 00 & 50 00, Small 5 00-10 00 --- per head

HOLSTEIN DAIRY COWS 800 00-1610 00, bulk of sales 800 00-140 00 -- per head

New Wilmington Livestock

New Wilmington, Pa.
December 20, 1999

Report Supplied By PDA

SALE NOT REPORTED
DECEMBER 27, 1999

Mercer Livestock

Mercer, Pa.

December 28, 1999

Report Supplied By PDA

CATTLE 226 [PDA] Compared with last week's sale sl cows mostly steady to stronger

SLAUGHTER STEERS Choice 2-3 1050-1415 lbs 65 75-69 25, one Select 1-3 56 00, one Standard 1-2 55 50

HOLSTEINS Choice 2-3 1200-1595 lbs 56 00-60 00, one Select 54 00

HEIFERS couple High Choice and Prime 2-4 1220 & 1320 lbs 72 00 & 72 25, Choice 2-4 1180-1380 lbs 65 00-68 75, couple Select 1-2 55 00 & 59 00

COWS Breakers 75-80% lean 38 75-44 75 mostly 40 00-42 50, Boners 80-85% lean 36 50-40 75, Lean 85-90% lean 33 00-39 00 Shells down to 27 25

BULLS Yield Grade 1 1155-1880 lbs 44 50-54 25, Yield Grade 2 1020-2230 lbs 39 25-45 00

FEEDER CATTLE STEERS Medium and Large 1 780-1035 lbs 62 00-69 00, Medium 1 390-575 lbs 80 00-87 00, Medium and Large 2 365-865 lbs 50 50

61 00, HEIFERS Large 1 450-700 lbs 70 00-75 00, Medium 1 350-600 lbs 79 00-89 00, BULLS couple Medium 1 325 & 595 lbs 77 00 & 86 00, Medium 1-2 585-765 lbs 56 00-65 00

CALVES 86 VEALERS Standard and Good 75-100 lbs 20 00-30 00, Utility 55-75 lbs 6 00-15 00

FARM CALVES No 1 Holstein bulls 90-125 lbs 132 50-170 00, one 175 00, No 2 90-130 lbs 42 50-127 50, few No 1 Holstein heifers 90-115 lbs 300.00-340 00, few No 2 70-120 lbs 65 00-215 00 Few beef type bulls and heifers 70-75 lbs 40 00-85 00

HOGS 52 BARROWS AND GILTS 49-54% lean 250-275 lbs 42 25-43 25, one lot 45-50% lean 258 lbs 37 50

SOWS few US 1-3 450-495 lbs 26 00-30 00, few Medium 350-360 lbs 20 00-23 00

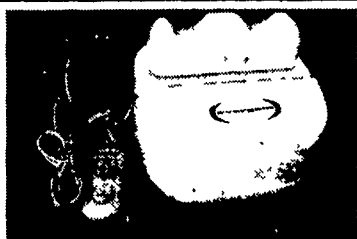
BOARS one 570 lbs 10 00

FEEDER PIGS 0 NO MARKET TEST

SHEEP 0 NO MARKET TEST
GOATS 2 Couple Medium 28 00 & 37 00 --- per head

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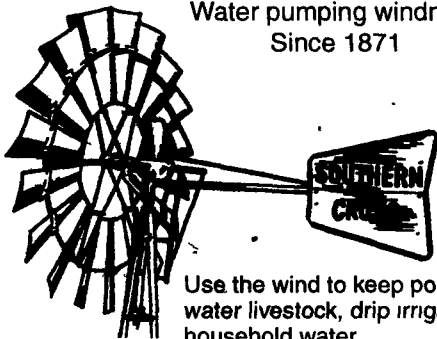
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Four States Livestock

Hagerstown, Md.
Dec. 22, 1999

Report Supplied By Auction

SLAUGHTER COWS: 61 HEAD, STEADY. UTILITY 37.00-41.00; HIGH DRESSING 41.00-44.00; CANNERS 32.00-36.50; SHELLY 31.00 DOWN. BULLS: YG#1 1400-1900 LBS. 46.00-49.00; 1 1116 LBS. AT 43.00. FED STEERS: NONE. FED HEIFERS: NONE OFFERED. VEAL CALVES: 125 HEAD. CULLS 85-110 LBS. 26.00-30.00, 60-85 LBS. 16.00-25.00.

FARM CALVES: HOLSTEIN BULLS, GOOD DEMAND. #1 95-120 LBS. 130.00-167.00, 85-94 LBS. 70.00-110.00; #2 90-120 LBS. 90.00-125.00, 80-90 LBS. 35.00-55.00; HOLSTEIN HEIFERS #1 95-120 LBS. 270.00-282.00; #2 85-110 LBS. 175.00-240.00; BEEF X BULLS TO 123.00; BEEF X HEIFERS TO 92.00. BUTCHER HOGS: NONE. SOWS: 24 HEAD, LIGHTWEIGHTS 5.00 HIGHER. 300-400 LBS. 28.00-34.00; 400-500 LBS. 26.00-34.00; 500-700 LBS. 29.00-32.50.

BOARS: 8 HEAD. 300-375 LBS. 9.00-15.50; 400-800 LBS. 5.50-7.00. STOCK CATTLE: 70 HEAD. STEERS MED. AND LARGE FRAME 80.00-89.00; 400-600 LBS. 71.00-82.00; 600-700 LBS. 69.00-73.00; 700-800 LBS. 55.00-64.00; HOLSTEINS X 200-400 LBS. TO 71.00, 500-600 LBS. 50.00-59.00.

HEIFERS: 300-500 LBS. 64.00-72.00; 500-600 LBS. 66.00-77.00; 600-700 LBS. 65.00-70.00.

BULLS: MED. AND LARGE FRAME 500-700 LBS. 63.00-72.00.

DAIRY REPLACEMENTS: 7 HEAD. 3 LARGE SPRINGERS 1325.00; LARGE SPRINGING COW 1035.00; JERSEY X AT 410.00; SMALL FRESH HOLSTEINS 510.00.

SHEEP: 2 LARGE 29.00-33.00. LAMBS: CHOICE TO PRIME 70-85 LBS. 94.00-98.00.

GOATS: 1 LARGE WHETHER 78.00; MEDIUM 40.00-50.00; SMALL 20.00-35.00.

PIGS AND SHOATS: BY THE LB. AT 32.00; 4 HEAD 150 LBS. AT 39.00.

Friend's Stockyard Inc.

Accident, Md. 21520

Report Supplied by Auction
Mon., December 27, 1999

STOCK BULLS AND STEERS (200-500 LBS.) 50.00-91.00.

STOCK HEIFERS: 36.00-84.00. SLAUGHTER STEERS: GOOD TO CHOICE 66.00-71.75; MEDIUM TO GOOD 52.00-63.50, HEAVY CHOICE OVER 1450 LB. 50.00-62.00.

HOLSTEIN STEERS: HEAVY CHOICE 40.00-56.00, LIGHT 35.00-46.50.

SLAUGHTER HEIFERS: GOOD TO CHOICE 65.00-71.75; MEDIUM TO GOOD 45.00-64.00.

BULLS: HEAVY 38.00-48.00, LIGHT 38.00-50.00.

COWS: UTILITY (HOLSTEIN) 34.75-42.75, COMMERCIAL TO GOOD 30.00-35.50, CULL COWS 30.00 AND DOWN.

VEALS: GOOD TO CHOICE 50.00-80.00, MEDIUM TO GOOD 20.00-47.00.

BOB CALVES: 30.00 AND DOWN. HOLSTEIN BULL CALVES — RETURN TO FARM (90 TO 120 LB.) — UP TO 140.00.

HOLSTEIN HEIFER CALVES — RETURN TO FARM (90 TO 120 LB.) — UP TO 275.00.

BEEF CROSS CALVES — RETURN TO FARM UP TO 108.00.

HOGS TOP QUALITY UP TO 42.00. LAMBS CHOICE UP TO 75.00.

Morrison's Cove Livestock, Poultry & Rabbit Report

Martinsburg, Pa.
December 27, 1999

Report Supplied by Auction

ROOSTERS: 2.00-4.00. HEAVY HENS .80-2.00.

BANTAMS .25-1.50. GUINEAS 8.00.

PIGEONS 1.50-2.30. BUNNIES .75-4.00.

RABBITS 4.00-11.00.

AUCTIONS EVERY MON. 7:30 P.M.

North Jersey Livestock

Hackettstown, NJ

Report Supplied by Auction
Tuesday, December 28, 1999

CALVES .10-2.95. COWS .10-.43%.

EASY COWS .09-.32%.

FEEDERS 300-600 LBS. .38-1.26.

HEIFERS .25%-.63. BULLS .41-.77.

STEERS .40-.71. HOGS .07.

ROASTING PIGS EACH 10.00. SOWS .15.

SHEEP .05-.65. LAMBS EACH 33.00-88.00.

LAMBS PER LB. .51-1.85. GOATS EACH 40.00-162.50.

KIDS EACH 5.00-80.00. HIDES EACH 15.00.

810 TOTAL HEAD.

New Holland Horses

New Holland Sales Stables
New Holland, Pa.

Monday, December 28, 1999

Report Supplied By Auction

71 HEAD. MARKET STEADY. WORK HORSES \$75.00-1125.00. PAIRS 2100.00-4400.00.

DRIVING HORSES 510.00-1075.00. RIDING HORSES 485.00-900.00.

PONIES 150.00-400.00. LARGE PONIES 500.00-650.00.

COLTS 160.00-500.00. 40 HEAD DRIVING HORSES

975.00-3350.00.

Greencastle Livestock Market

Dec. 23 and 27
Hay & Straw

Report Supplied by Auction
49 LOADS OF HAY.

MIXED HAY: 60.00-175.00. TIMOTHY: 100.00-165.00.

STRAW: 53.00-90.00. CORN FODDER: 11.00-14.00 BALE.

Heinsey's Poultry

Roots, East Petersburg

Tuesday, December 28, 1999

Report Supplied By Auction

Muscovy duck drakes .50-.58; hens .50-.56.

Peking ducks .40-.52. Red fowl 4-4 1/2 .30-.48, 5-6 .50-.82.

Crossbred fowl 5-9 lbs. 40-.74. Crossbred roosters 4-6 lbs. .60-.84, 7-11 lbs. .50-.82.

Guinea fowl 1.90-2.35. Bantam roosters 2.00-3.50 ea., hens 1.50-3.25.

Leghorn hens .12-.24. Leghorn rooster, not enough.

Silkie 2.00-3.00. Geese, 9-14 lbs. .30-.44.

Pigeons 1.50-2.25 ea. White pigeons 2.50-3.75 ea.

Rabbits 4-6 lbs. 1.20-1.82, 7-11 lbs. 1.00-1.44.

Bunnies 1.00-4.50 ea. Guinea pigs 3.00-8.25 ea.

Goats, 38.00-70.00. Kids 14.00-32.00 ea.

Doves not enough. Chickens not enough.

Pullets .60-.74. Total coops 640.

Belleville Poultry

Belleville, Pa.

Wednesday, Dec. 29, 1999

Report Supplied By Auction

Geese: 2.00-3.00. Turkeys: 8.00.

Guineas: 5.00 ea. Roosters: 2.00-5.00 ea.

Bantams: .50-2.00 ea. Heavy hens: 2.00-3.00 ea.

Silkie: none. Muscovy hens: 2.00-2.50 ea.

Muscovy drakes: 3.00-4.00 ea. Mixed ducks: none.

Barn pigeons: 2.00 ea. White birds: 2.25-2.75 ea.

Fancy birds: none. Peacocks: none.

Pheasants: none. Doves: 4.00. Quail: none.

Guinea Pig: 4.00-5.00 ea. Rabbits: under 4 lbs. 1.00-6.00 ea., 4-6 lbs. 7.00-12.00 ea., over 6 lbs. 13.00-19.00 ea.

For more information phone 717-242-2898.

New Holland Horses

New Holland Sales Stables

New Holland, Pa.

Monday, December 27, 1999

Report Supplied By Auction

118 HEAD. MARKET STEADY. WORK HORSES 910.00-1400.00.

DRIVING HORSES 585.00-810.00. RIDING HORSES 450.00-835.00.

REGISTERED RIDING 975.00-1250.00.

BETTER RIDING 985.00-1110.00. ONE AT 1850.00.

PONIES 185.00-375.00. COLTS 160.00-385.00.

REGISTERED COLTS 585.00-1000.00.

New Holland Dairy

New Holland Sales Stables

New Holland, Pa.

Wednesday, Dec. 29, 1999

Report Supplied By Auction

71 DAIRY COWS, 170 HEIFERS, 7 BULLS. MARKET STEADY.

LOCAL FRESH COWS 460.00-1400.00, ONE AT 1725.00.

LOCAL SPRINGERS 685.00-1375.00. BETTER FRESH COWS:

1500.00-1725.00. LARGE HEIFERS: 1200.00-1385.00.

SMALL HEIFERS 450.00-885.00. SHORT BRED HEIFERS:

635.00-1135.00. OPEN BREEDING AGE HEIFERS:

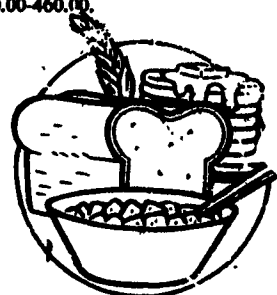
700.00-875.00. BULLS: 360.00-675.00, PUREBREDS

725.00-750.00. UPSTATE LOADS FRESH

1275.00-1500.00. FRESH HEIFERS 1035.00-1450.00.

SMALL OPEN HEIFERS 560.00-660.00, SMALLER

110.00-460.00.



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Take Route 422 to Robeson. Turn left on Bernville Road (video store on the corner). Go approximately 2 miles & turn right on Brownsville Road. Go approximately 2 1/2 miles to farm on the right (Hidden View Holsteins).

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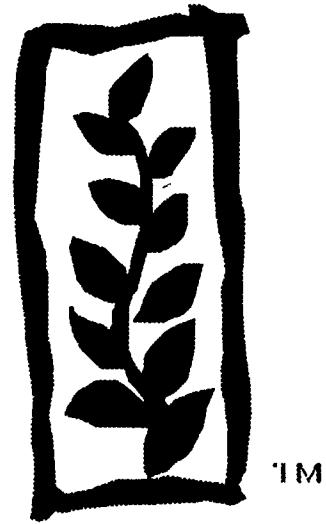
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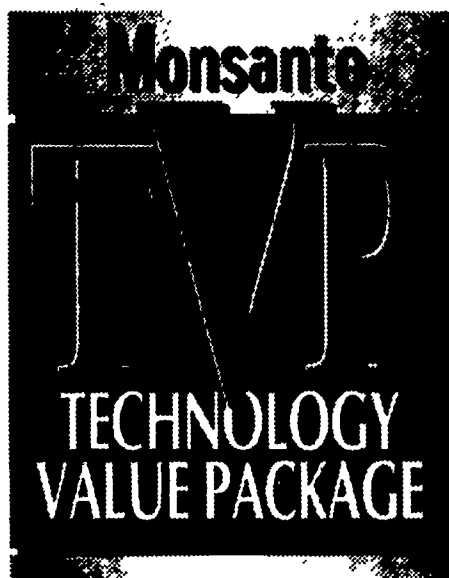
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Farm Show Dairy Judge Enjoys Both Sides Of The Ring

(Continued from Page A1)

judge, I would judge everyone fairly, whether I knew them or not," Day explained. "The best cow should always win, and I've tried to stick to that principal."

Fortunately Day has never had a complaint from any dairy exhibitors about his placings. "I believe that when an exhibitor comes to a show, they have to place their confidence in the judge," said Day.

"As exhibitors, my family has never complained to a judge about a placing. I tell my children that we go knowing our animals will be placed, and we have to accept the placings we get."

Day and his wife, Ann, have three children who have all competed in the dairy arena for several years. Matthew (age 21), David (age 19), and Sarah (age 17) help ease the cost of showing, which Day claimed can be expensive.

"If the kids didn't help, it would be difficult to keep showing because of the labor, fuel, and feed cost."

Now that Matthew and David attend Cornell University in New York, the Days don't even have to hire professional fitters anymore. "The boys swap labor with their friends from other states during show season," explained Day. "They help out their friends at their local shows, and their friends help us out at ours."

The Days typically show each year at the Pennsylvania Spring Holstein Show, South Central Holstein Show, Pennsylvania Fall Holstein Show, and the World Dairy Expo in Madison, Wi. They even exhibit occasionally at the

Pennsylvania Farm Show, taking Supreme Champion in 1995.

"We pick the shows where we exhibit based on the weather, time of year, and whether or not we have animals at the right stage for the show," explained Day.

Both showing and judging dairy cattle is an essential part of the Days' dairy operation. "Judging is an outlet for me and an opportunity to meet new people," said Day. "I find it both challenging and fun."

His son, Matthew, has followed in Day's footsteps by participating in collegiate and 4-H dairy judging contests. In 1998, Matt was sixth high individual in the collegiate contest at Madison, placing fifth in reasons. At Harrisburg, he was second high individual, placing first in reasons.

According to Day, an exhibitor can get as much exposure for their animals at the Pennsylvania Farm Show than at any show. "The Farm Show probably has more ringside spectators than at any other show. It is an excellent opportunity to make a good impression on the public."

Day is hoping to find a microphone at this year's dairy show. "Judges should be able to give their reasons for the benefit of both the spectators and the show exhibitors. Many of the spectators at the Farm Show don't understand what we're doing out there, and it's an excellent opportunity to educate them."

Because the opportunity to educate the public, Day also feels it's important for dairy exhibitors to present a uniform image during the show. "I like to see all of the exhibitors

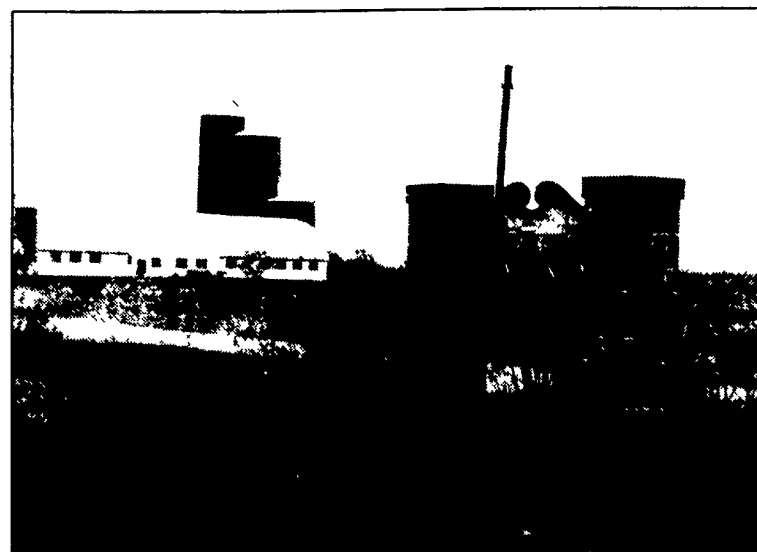
dressed in white and have encouraged Pennsylvania to enforce that policy at its shows."

Curtis and Ann own Tri-Day Farm in Shippensburg, where they milk 65 head of registered Holsteins. The Days market their cattle both privately and at public sales.

To Day, there isn't much difference between the shows that he has judged. "It's always fun to see the people at the shows."

"One thing will be different about this year's Farm Show," explained Day. "It will probably be the first dairy cattle show anywhere in the country during the new millennium."

Only three judges will be able to say that they judged the first dairy show of 2000. Day is one of them. And, according to him, "that's pretty exciting."



Tri-Day Farms in Shippensburg has become well-known for having high pedigree Holsteins in both the showing and sale arenas.



Day stands with Tri-Day Adeen II, a senior 2-yr.-old and one of four full sisters that the Days showed during 1999.

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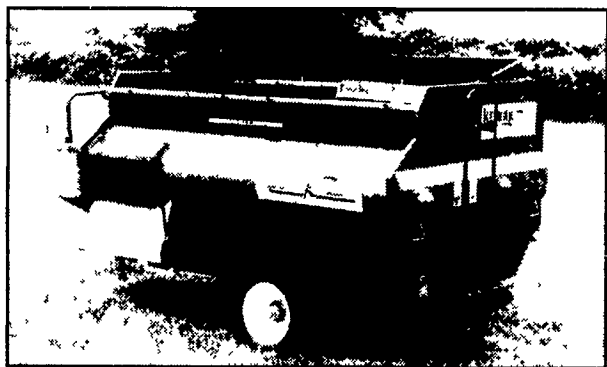
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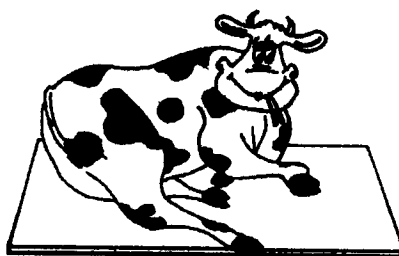


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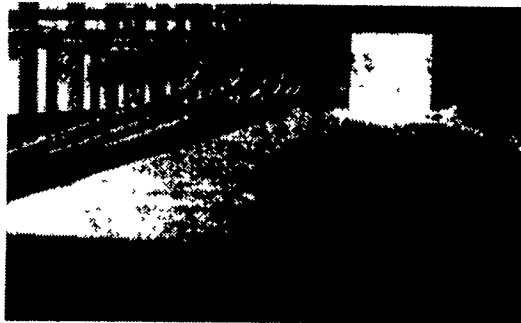
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Cooperative Directors To Meet At Penn State

UNIVERSITY PARK (Centre Co.) — New and returning directors of cooperatives can improve their business and organizational skills by attending the 16th Annual Pennsylvania Cooperative Director Institute, Jan. 26-28 at The Penn State Conference Center Hotel at Penn State's University Park campus.

The director's role in creating, maintaining, and communicating the value of cooperatives will be the focus of the institute, which features more than 15 sessions and informal discussions on topics such as cooperative finance, legal issues for cooperative directors, developing internal controls, and environmental concerns. Speakers will include Pennsylvania Secretary of Agriculture Samuel Hayes; Glenn Webb, chairman of the board for GROWMARK Cooperative; and John Coffey, cooperative consultant and former head of Southern States Cooperative.

Changes in markets and the legislative environment make this institute increasingly important, said Richard Poorbaugh, director of Penn State's Cooperative Business Education and Research Program.

"The directors' institute helps close the knowledge and skills gaps between members, their boards and investor-oriented agribusinesses," Poorbaugh said. "One of the highlights of the institute is the opportunity to share ideas and issues with directors of other cooperatives."

The institute opens with lunch and welcoming comments at noon on Wednesday, Jan. 26, followed by Coffey's keynote address on "Co-op Boards for the Next Century: What Will It Take?" Jerry Ely, cooperative development specialist for the USDA Cooperative Business Service, will discuss "Cooperative Governance — Roles and Responsibilities of Directors and the Board" at 2:30 p.m. That will be followed by "Legal Implications of Directorship," by Chris Fox, general legal counsel of Agway Inc., an 80,000-member farm supply cooperative.

Russ Rose, head coach of the national champion Penn State Lady Lions volleyball team, will be the speaker at dinner at 6 p.m. The day's activities will end with a workshop on cooperative board decision-making procedures.

On Thursday, Jan. 27, Porter Little of Co-Bank, a major lending institution for cooperatives, will present a workshop on cooperative finances at 8:30 a.m. At 1:30 p.m., Glenn Webb of Growmark cooperative will discuss "Selling Your Cooperative: the Value of Membership." Webb then will join William

Nelson of Cenex-harvest States cooperatives supply firm; Irene Sorenson, manager of grower communications for Ocean Spray; and Robert Nacerebout of Dairy Farmers of America, in a panel discussion of "Measuring Membership Value" at 3 p.m. Dinner will follow at 6:30 p.m., when Nelson will present "With Cooperatives, the Three Most Important Things Are: Education, Education, Education!"

Friday, Jan. 28 sessions open at 8 a.m. with James Dunn, Penn State professor of agricultural economics, discussing "Trends and Current Business Environment" for cooperatives. At 8:45 a.m., the institute will offer concurrent sessions for smaller-scale cooperatives ("Is There a Future for Local Co-Ops?") and large operations ("Challenges and Requisites of Serving and Communicating

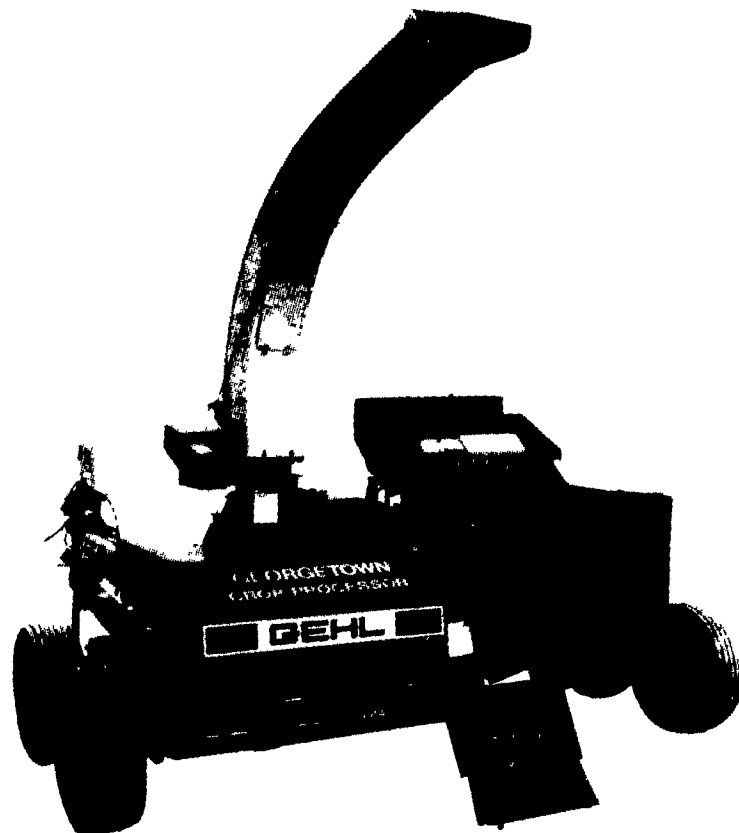
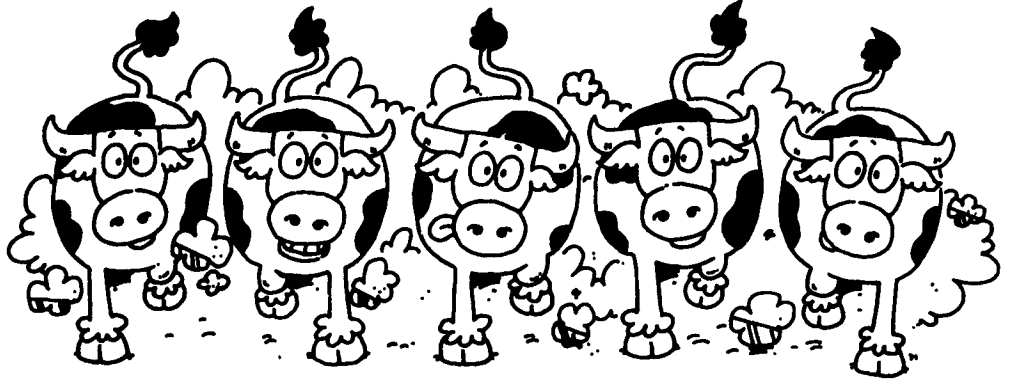
Membership Value to a Diverse Membership"). At 10:45 a.m., William Nelson will present "Ten Steps to Excellence in Leadership and Governance."

At noon, the institute's graduation luncheon will feature remarks by Secretary Hayes. That will be followed at 1 p.m. by Samuel Minor, director of Agway Inc., who will talk about "Managing the

Madness: Capitalizing on the Opportunity." The institute will close at 2 p.m. with the presentation of certificates by Secretary Hayes and David Blandford, head of Penn State's department of agricultural economics and rural sociology.

Registration, lodging, meals and materials for the three-day institute are \$625. For more infor-

mation, contact Penn State's Cooperative Business Education and Research Program at (814) 863-0644. The institute is offered in cooperation with Pennsylvania Council of Cooperatives and the Cornell Cooperative Enterprise Program with support from the Pennsylvania Department of Agriculture.



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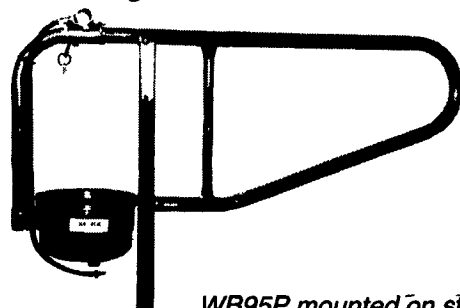
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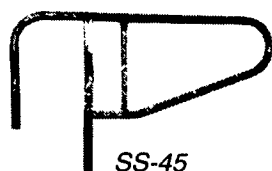
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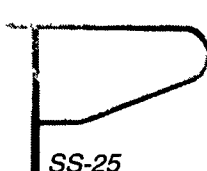
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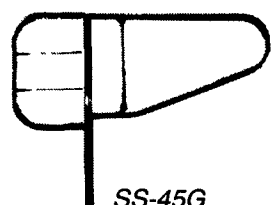
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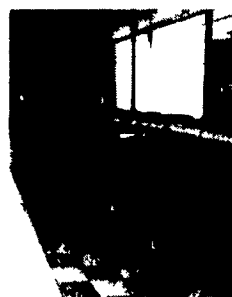


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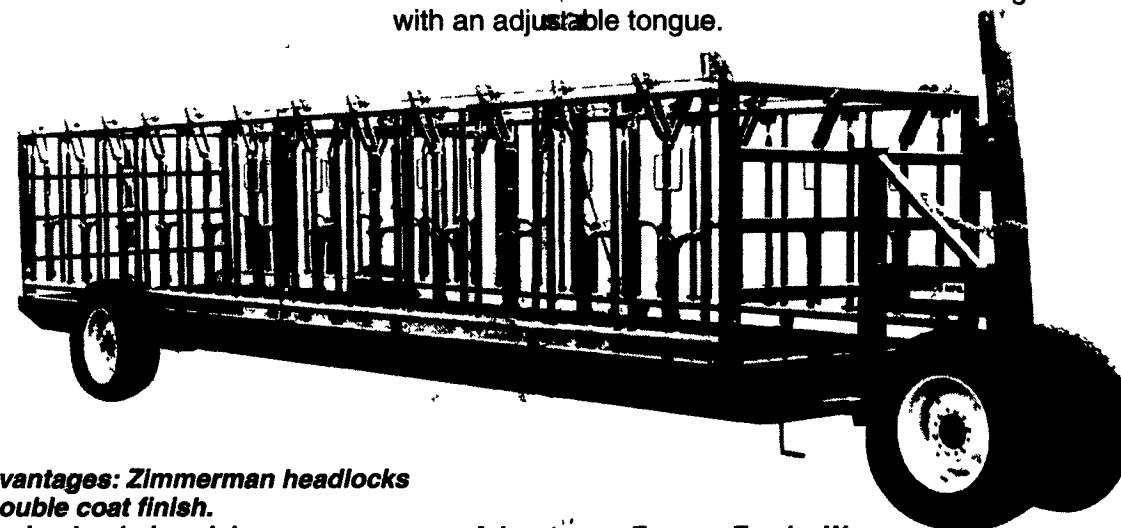


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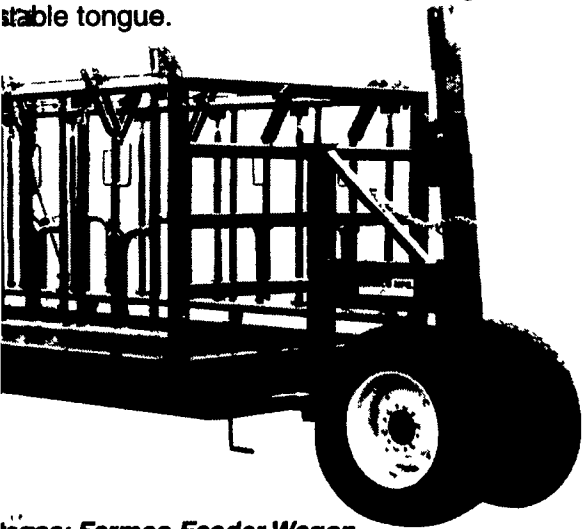


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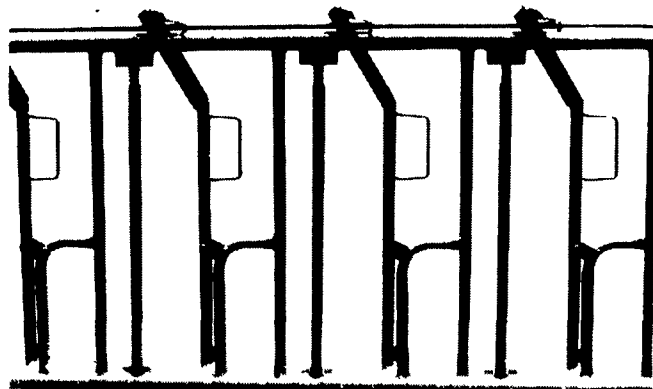


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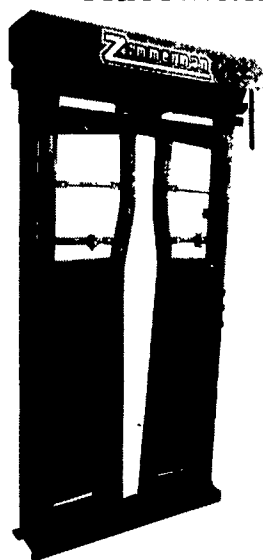
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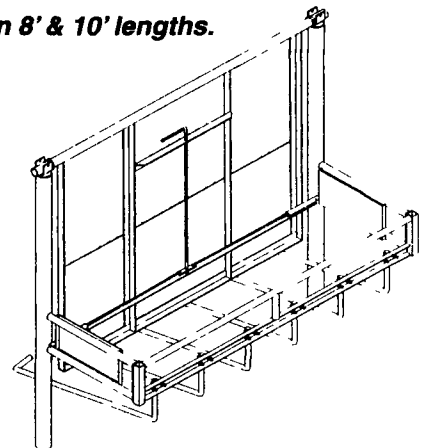


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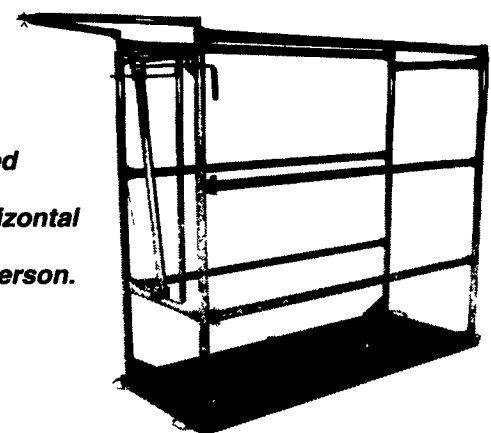
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PA DHIA Herd Management District Meetings

DAVE SLUSSER
General Manager

STATE COLLEGE (Centre Co.) - PA DHIA has set the dates and locations of nine district herd management workshops and district membership meetings. All members, interested farmers, and industry representatives are invited. This interesting and educational workshop will include presentations by George Cudoc on "How Cows Talk to Us and What They Say", and a live demonstration of *Barn Owl 2000* herd management software. During the workshop, members and guests will be provided a lunch, and following the workshop, members will conduct the district membership meeting.

PA DHIA provides a very valuable service that will positively impact your bottom line. Our herd management reports, and our *Barn Owl 2000* software

provide excellent analytical tools for you, your herd consultant, nutritionist, and veterinarian. You will improve your production efficiency if you and your advisors use the DHIA information. Come and bring your advisors to learn how to better use this valuable information. The program and meal are free. You have nothing to lose and everything to gain.

During the brief membership meeting, members will elect their directors to the board where terms expire and will discuss a proposal by the board planning committee to nominate and elect directors by mail ballot. The board feels that the membership will be better represented by the mail ballot system, however, that will require a by-law change. The board hopes to get ideas from the members at these workshop and meetings.

Listed below are the dates

and locations. Please mark your calendar and attend. Notices of these workshops and membership meetings will be in your herd report envelopes and in PA DHIA ads. All meetings begin at 10:00 am. Elections will be held in Districts 3, 6 & 9.

District 9 - February 7 - Blue Mt. Restaurant - Shartlesville.

District 10 - February 8 - Gap Dinner, Gap.

District 6 - February 9 - Lighthouse Restaurant, Chambersburg.

District 5 - February 10 - Family Restaurant, Mifflintown.

District 1 - February 11 - Bonanza, Franklin.

District 8 - February 15 - Iron Skillet Restaurant, Milton.

District 7 - February 16 - Edgewood Family Restaurant, Troy.

District 11 - February 17 - Mt. View Restaurant, Clifford.

District 3 - February 18 - St. Mary's County Club, St. Marys.

District 2 & 4 - March 9 - (to be held in conjunction with the Southwest Dairy Seminar)

Allen Attends State Director Orientation

ENGLEWOOD, Colo. — Kathy Allen, a cow-calf operator from Saxonburg, took part in a State Beef Council Director Orientation Session at the National Cattlemen's Beef Association's (NCBA) Denver office Nov. 18-19.

Allen attended the session to learn about current checkoff-funded programs and initiatives. Information provided at the session should help Allen represent and communicate with her state-level constituents. Allen serves on the board of the Pennsylvania Beef Council, the group charged with directing and investing half of all beef checkoff dollars collected in Pennsylvania.

State beef councils may invest a portion of their 50 cents in national and international programs to extend national efforts; therefore, state directors need to know how their state dollars are being coordinated with national dollars to meet consumer needs. "Directors have a responsibility to represent their state's views in national checkoff efforts, as well as to car-

ry information back to their home states about programs," said Jon Ferguson, NCBA Checkoff Division vice chair and host of the training session.

NCBA contracts on a non-profit basis with the Cattlemen's Beef Board (CBB) to conduct producer-directed checkoff programs on behalf of the industry. "Part of our role as contractors is to facilitate the coordination of programs and dollars between the state and national levels. This is one reason we host the director orientation — to keep communication flowing and keep us all on the same page," said Ferguson.

Allen, along with other attending state directors, heard program updates on all areas of national checkoff funding, including promotion, research, consumer information, industry information, foreign marketing and producer communications. Directors were updated on the current checkoff-funding advertising campaign that is bringing the "Beef. It's What's for Dinner" convenience and nutrition message to beef's target audience — women ages 25-54.



Scott Williams
Training Coordinator

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Web site <http://www.dhia.psu.edu>

Pennsylvania Dairy Herd Improvement Association
DHIA Service Center, Orchard Road, University Park, PA 16802

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's last week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania.

Remember, these are averages, so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No.2y — 2.33 bu., 4.16 cwt.

Wheat, No. 2 — 2.32 bu., 3.88 cwt.

Barley, No. 3 — 1.61 bu., 3.45 cwt.

Oats, No. 2 — 1.47 bu., 4.58 cwt.

Soybeans, No. 1 — 4.3 bu., 7.18 cwt.

Ear Corn — 72.71 ton, 3.64 cwt.

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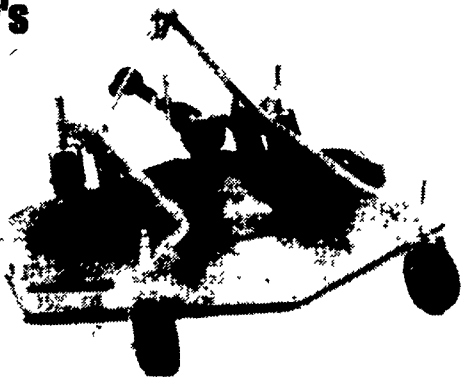
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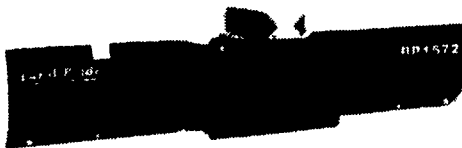


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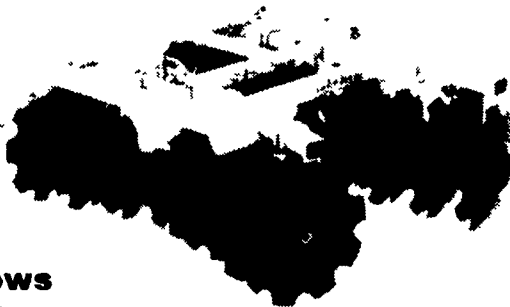


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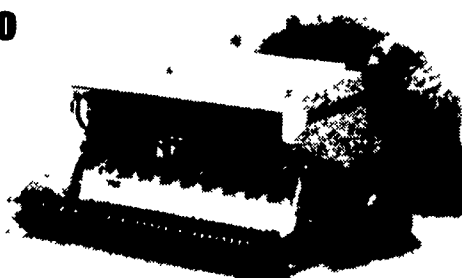


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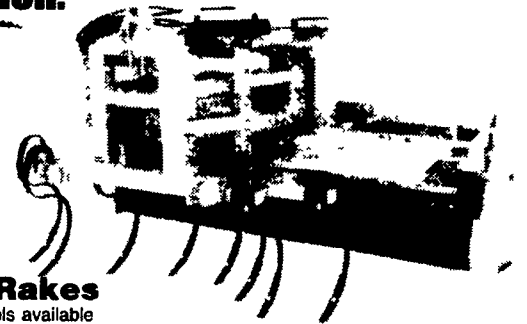
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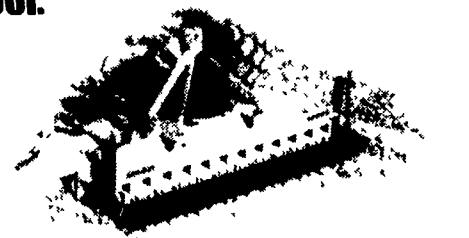


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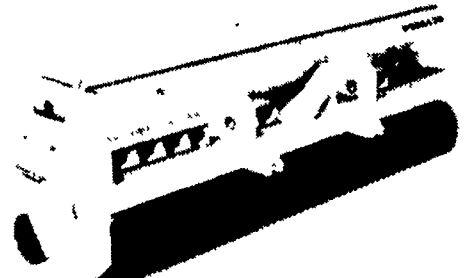


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Some View Past Year As One Of Opportunity; For Others, It Was 1999 Nightmare

(Continued from Page A1)

cane named Floyd in September.

Drought Of '99

By far the biggest story was the worst drought in the history of the state, rivaling that of 1964 or 1955.

In mid-June, Gov. Tom Ridge declared a "drought warning" for more than two-thirds of the state. The warning, second of a three-tiered drought response, called for a 10 percent voluntary reduction in water consumption.

When producers thought the worst was over, and some small regions in the northcentral and northwestern part of the state received rain, others saw corn and soybeans emerge, wither, and die.

The July 24 *Lancaster Farming* reported that a "drought emergency" had been declared. The third and most severe stage mandates restrictions on water use.

The drought was how producers paid the price for little snow over the winter, little rain the spring, and a dry, hot summer. This resulted in dangerous low ground-water levels. Some producers, dependent on irrigation, had to turn off the pumps to conserve water for livestock. Shallow wells dried up.

Pastures dried up, too. By late August, truckloads of hay from Michigan, Wisconsin, Kansas, and Ontario made their way to the drought-stricken states in the Northeast. FFA chapters and other organizations donated their time to help unload hay. The Mennonite Disaster Service initiated a hay

drive late in August after some farmers in Michigan offered their bumper crop of hay to needy farmers in the East.

Even as late as December, corn was arriving from Canada to area producers. Silage harvest yields were way down. Many farmers simply disced their corn grain fields. As a result, volunteer corn — on ears too small to be picked up by the combine — will pose a risk in some fields in 2000.

In 1999, the state Department of Environmental Protection was cautioning everyone statewide to do their part to conserve water. Some townships declared mandatory restrictions — including water rationing.

In Lancaster County, three consecutive 100-degree days were recorded, with more than half dozen days total. For many counties in the southeastern part of the state, there was no rain in the crucial months of June and July — when corn and soybeans need it most.

As a result, in early August, President Clinton declared West Virginia and four contiguous counties in southwestern Pennsylvania a federal disaster area.

Prior to recessing, the Pennsylvania General Assembly passed a \$65.6 million drought relief bill for producers. Earlier on, many producer organizations were disquieted about a proposed low-interest loan program to aid in the drought relief; but at the requests of senators and representatives, who realized producers do not

need to carry on additional debt, the relief bill earmarks \$60 million in grants to help farmers recoup 1999 crop losses and \$5.6 million in crop insurance incentives for this year. The state money com-

bines with an estimated \$75 million in federal aid, bringing the total for drought relief in Pennsylvania to \$135 million.

The aid program is available to farmers who can document a crop

loss of more than 35 percent. Deadline to apply is Feb. 25. Farmers who want aid must apply in person at the county branches of the USDA Farm Service Agency.

(Turn to Page A28)



Pennsylvania Produce is Simply Delicious. To educate the public about fruit and vegetable production in the state, a campaign has been coordinated through the Pennsylvania Department of Agriculture with the state food merchants and individual retailers and marketers. From left, Food Merchants President David McCorkle, Wels Markets President Norman Rich, State Agriculture Secretary Samuel Hayes Jr., potato producer Keith Masser, and green bean grower Ronald Copenhaver.



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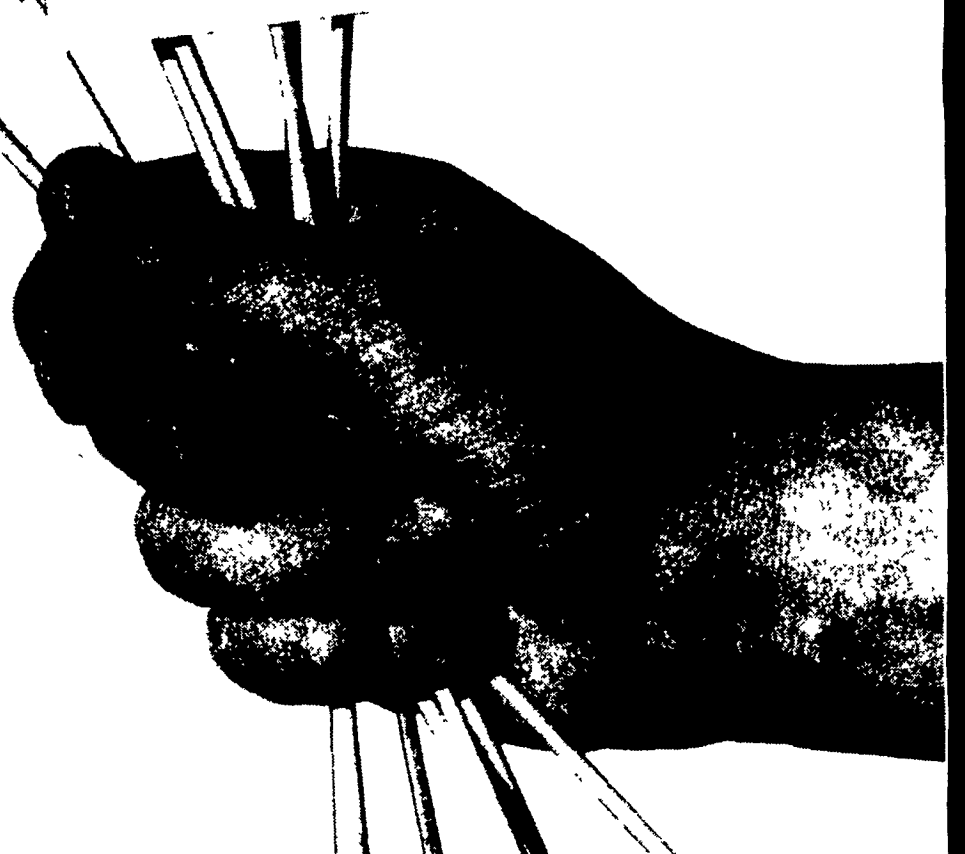
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Past Year

(Continued from Page A26)

Act 57, the drought relief package, is the largest in Pennsylvania history, according to state Sen. Noah Wenger (R-36).

In mid-November, the Ridge Administration announced that donated hay was available for drought-stricken farmers. More than 350 tons of donated hay became available to farmers most severely affected by the drought.

Pennsylvania farmers suffered more than \$500 million in crop loss because of the drought. Farmers incurred an additional \$200 million in dairy, livestock-production, and specialty crop losses.

Gov. Ridge's drought-assistance plan also includes a rebate program to partially reimburse eligible Pennsylvania farmers for hay purchases and long-distance hay transportation costs incurred during the fall and winter months. A \$60 rebate will be provided for each ton of hay purchased in the state. A \$50 rebate will be provided for each ton of hay purchased out of state. A \$25 rebate will be provided for each ton of hay to help defray long-distance transportation costs.

To be eligible, farmers must have realized a minimum 30 percent loss on crops intended for livestock feed, including pasture, because of the drought. Also, about \$300,000 in user fees that farmers pay have been waived by the departments of agriculture and labor and industry. The fees include veterinary laboratory diagnostic, pesticide license, seed certification, and seasonal farm labor registration fees.

Grain producers, hay producers, produce farmers, Christmas tree growers, and others who market farm commodities reported to *Lancaster Farming* that, easily, 1999's drought was by far the worst they had ever seen.

What will 2000 bring?

The continuation of the La Nina event, which normally brings precipitation to the East and West coasts, normally causes drought in the Midwest. Areas of the Midwest are dry — and forecasters are keeping a wary eye.

Will Dairies Survive?

The state's dairy industry, long dependent on government price support and controls, continued to move toward the unpredictability and chaotic up-and-down prices of a

a free-market based system. Late in August, the USDA announced that farmers voted in a national referendum early in August to consolidate the current 31 federal milk marketing orders into 11. Other reforms were supported, including the minimum pricing of Class I (drinking) milk.

The milking marketing order program ensures the fair marketing and pricing of milk. The reforms take effect today.

While leaders of the state's dairy industry were undecided and divided about joining the Northeast Dairy Compact in mid-

February this year, by late April, the Senate approved Dairy Compact legislation, authorizing Pennsylvania to join the Northeast Interstate Dairy Compact.

A supply management program was necessary. A hearing was set in early May to gather testimony on a proposal to establish a supply management program.

In mid-June, the Pennsylvania House of Representatives approved the Northeast Dairy Compact legislation on the S.B. 365.

In July, a group of dairy farmers met in Lancaster at the Farm and Home Center as part of a series of

meetings to launch the USDA Risk Management Agency's Dairy Options Pilot Program. The nationwide program was designed to help dairy farmers transition completely away from federal government price support programs. Pennsylvania was selected as the first state to participate.

And they needed to get serious about the new pricing philosophies, too. By early December, the basic formula price of milk reached the lowest price in 21 years. In an editorial, *Lancaster Farming* noted: "At 9.79 per hundredweight, we say this is a terribly sad day for dairy farmers. Not only is

the shock of a 30 to 40 percent reduction in the dairymen's milk check from one month to the next unbelievable, but the increase in production costs from the need to purchase hay because of the drought this summer adds a double blow to the ability to make a living, or even pay production costs."

Those production costs can vary from \$10 to \$14 per hundredweight (according to the ag statistics service, about \$13.17 per hundredweight), depending on the overall feed system and other factors.

"Goodbye, dairy farmers, we're

(Turn to Page A29)

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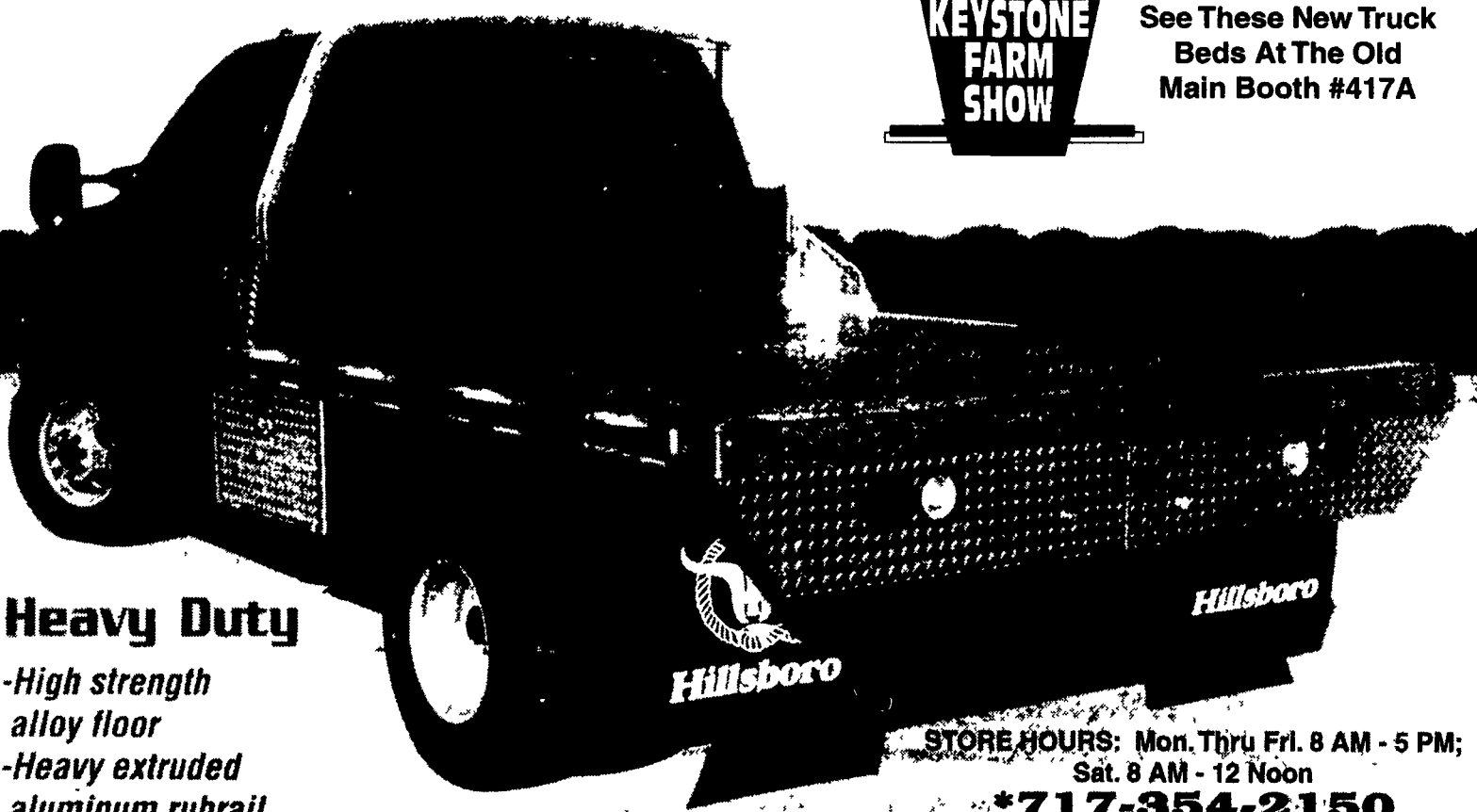
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Past Year

(Continued from Page A28)

sorry to see you go," the editorial noted. "But we understand."

Hog Prices Recover Slightly
Even with current hog average prices hovering between

36.00-37.50 per hundredweight at 49-54 percent lean, many producers agree that 40.00 per hundredweight is breakeven.

Before the start of the 1999 state meeting of the Pennsylvania Pork Producers Council in early February, one packer commented on the "worst situation the hog producers have gone through in the history of the industry," noted Tom Leidy of

Leidy's Inc., Souderton.

And if it was horrible for producers — who looked at prices plummeting to 10, six, even eight cents per pound for hogs. The Pennsylvania Pork Producers Council passed a resolution at a meeting early in March to propose, nationally, suspending sow house production to the National Pork Producers Council. Unfortunately, what they were attempting to do they found out was not considered by the national council because it wasn't legal to do so. It violates anti-trust legislation.

If prices were horrific for producers, they were, in some cases, even worse for packers.

For Hatfield, the largest pork packer in the region, Phil Clemens, president, spoke at a Lancaster county meeting in mid-December. The great hog depression of 1998 dealt blows to packers, too.

"I have never been more uncomfortable in my life," said Clemens. "I never want to go through that market again."

Clemens believes "partnering" is the key.

Partnering with retailers, Clemens noted, works in Japan and in the European marketplace. He believes it will happen here, given time.

"We can't have the 1998-1999 scenario happen again," he said.

"Retailers have to share profits back with producers."

In late April, a lengthy position paper was advanced by the National Farmers Union that represented a consensus of 29 of the U.S. farm and rural groups. The paper included policies the National Agricultural Summit, the leadership group organized by the paper, wants the nation's political leaders to adopt.

While the pork industry continues to become more vertically integrated, in step with the poultry industry, the Summit took steps to address the issue of increasing concentration of ownership of basic industries, increasingly restricting producer options.

In mid-May, farm equipment manufacturer New Holland NV, based in Amsterdam with North American headquarters in New Holland, announced it was purchasing Case Corporation, based in Racine, Wis., for \$4.3 billion.

The 1998 net revenues for New Holland NV were \$5.7 billion. Case's revenues were \$6.1 billion.

The merger created a company, Case-New Holland, with revenues close to \$12 billion per year, keeping up with sales of Deere and Company, Moline, Ill., with sales of about \$13 billion in 1998.

Fiat S.p.A. in Italy owns 71 per-

cent of New Holland. New Holland has approximately 6,100 dealers and 21,300 employees. Case operates through about 4,900 dealers and employs 17,700.

The year reflected a national trend of "rampant consolidation and acquisition," according to Keith Hevenor in an editorial in *Electronic Publishing*. The trend apparently crosses industries. A year, Hevenor noted, that also saw J.F.K. Jr. die in a plane crash, 12 students killed in a senseless shooting at Columbine High School, the crash of EgyptAir Flight 990, a U.S. president facing impeachment, and Turkey suffering a devastating earthquake, he noted.

It was also the year that a little-known but dangerous virus made its way onto peach orchards in Adams County, reported in late October in *Lancaster Farming*.

The plum pox virus was detected for the first time on trees in a York Springs grower's peach and nectarine orchards. Officials continue to sort through information on how the disease arrived in Adams County, how it spreads, and ways to contain and eradicate it. But work must continue, and quickly, to prevent spreading of the virus in the spring. European

scientists arrived in mid-December and a grower meeting was conducted in early November in Biglerville to deal with management strategies.

It was also the year that the Reading Fair broke ground on a new site in mid-May, but cancelled the fair weeks before it began because of incomplete construction. A fair was scheduled for early August 2000.

Bright Spot — Farmland Preservation

Preservation 2000 is a new plan to preserve Pennsylvania's farmland and open space. A press conference was conducted in early September on the farm of Kevin and Audary Rohrer family. Officials

(Turn to Page A30)

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Past Year

(Continued from Page A29)

noted the new preservation program proposal commits \$500 million to Pennsylvania's 67 counties during a period of 20 years to meet pressing environmental concerns.

In mid-December, Lancaster County commissioners approved a \$25 million bond issue to preserve 166 working farms from a six-year waiting list.

"This is an investment in Lancaster County's future, and I don't think you can make a better investment at this time," noted Gene Garber, chairman of the county's Agricultural Preserve Board and West Donegal Township farmer.

Farm Commodities

According to H. Louis Moore, Penn State ag economics professor, the drought affected only the northeastern states, which planted only about 5 percent of the 1999 corn acreage. The national crops look good — which is keeping prices low.

While Pennsylvania corn crop is rated nearly 60 percent poor to very poor, the national crop is rated 60 percent good to excellent, Moore noted. The 1999 corn crop is forecast at 9.56 billion bushels, down 2 percent from last year but "still the third largest crop ever produced in the U.S.," he noted in his Market Outlook. "The soybean crop is forecast at 2.87 billion bushels, up 4 percent from last year's record crop."

Moore noted that big crops combined with disappointing exports and growing carryover "practically guarantee that feed prices will continue to be low during the feeding season ahead." Carryover of corn on Sept. 1 1997 was 883 million bushels. On Sept. 1, 1999, it reached 1.7 billion bushels and will be "near 2 billion bushels next September," he noted.

"Soybeans are an even greater horror story," noted the Penn State ag economist. "On Sept. 1, 1997, the carryover was 132 million bushels. Last year it nearly

doubled to 200 million bushels. It nearly doubled again to 395 million bushels this September and is expected to grow to 590 million bushels on Sept. 1, 2000."

For the pork industry, "there is no recovery in sight," Moore noted. Pork output in the first seven months of 1999 was 3 percent greater than a year ago. During the same period a year ago, output was up about 10 percent from the previous year. Pork output fell about 3 percent in July from the

extremely high levels of a year ago.

"Output will continue heavy and third quarter prices may drop back to about \$33-\$34 and then fall several more cents in the fourth quarter. Prices are expected to continue well below the cost of production well into 2000."

Low-priced feed because of the abundance of grain normally means more livestock on farms and more meat for consumers. So far in 1999, Moore noted, this has

been true. In the January-July period, beef production was up 3 percent from the same period a year ago, despite the earlier projections that beef output would finally decline in 1999. Beef output may actually increase 200 million pounds from 1998.

Beef prices are expected to increase this fall from the current price of \$65 per hundredweight. There should be periods in 2000, he noted, when fed beef prices

(Turn to Page A31)

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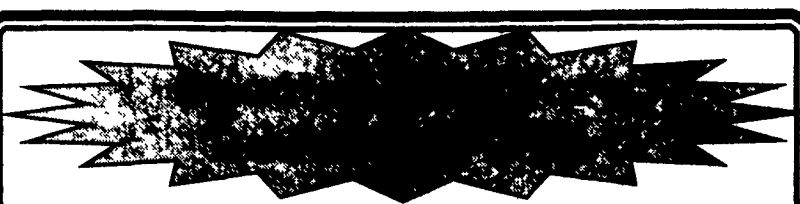
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Past Year

(Continued from Page A30)

exceed \$70.

"We must remember," according to Moore, that "there will be strong competition from pork and broilers in the year ahead."

Broiler placements are running about 3 percent higher than a year ago. Total broiler production in 1999 may reach 29 billion pounds compared to 26 billion pounds for beef and 19 billion pounds for pork. Red meat and poultry consumption this year will be about 75 pounds per person, up nearly two pounds from last year.

For tobacco growers, the year continues to see nightmarishly low prices. At the start of the 1999 season in mid-January, bids began at \$1.30 a pound and quickly dropped. This year, the price woes continue, with producers receiving an average price for 1999 tobacco of 68 cents per pound. This was way below the \$1 to \$1.25 per pound hoped for.

Awards

At this year's Farm Show, which includes 16 acres under one roof and is noted as the state's premier ag event, visitors had to deal with an early snowstorm, but nothing like the one that closed down the state in early January 1996.

In 1999, Bill Campbell, CEO of Hoss's Steak and Sea House, purchased the grand champion Farm Show steer for \$28,000, a record. Including grand champions, the sale receipts were \$165,905, of which \$15,544 went directly to the scholarship fund.

At the Farm Show, a 5-year-old Jersey cow owned by Bryan and Patricia Huff, Cochranville, was named supreme champion.

At the Pennsylvania All-American Dairy Show, supreme champion of all breeds was Blacky Rose of Briarcliffs, grand champion Jersey for New Direction Jerseys, Elizabethtown. Reserve was the grand champion Holstein, Crovalley Star Melinda, owned by Donald Alexander and Ernie Kuefner, Boonsboro, Md.

Penn-Gate Jed Duchess was named grand champion of the Pennsylvania Holstein Association's fall championship show at the All-American. The 5-year-old was shown by Steve and Christine Wood, Penn Gate Farm, Littlestown.

For Our Readers

For *Lancaster Farming*, two new publications debuted in 1999. The first issue of *Grower & Marketer* began on Jan. 23 and ran three issues in the year.

And *Lancaster Farming* published a primer for nutrient management in Pennsylvania.

Digital cameras were used for the first time in the paper. A photo of those who spoke at the southeast tree fruit meeting was the first use

of advanced digital camera technology for news coverage in *Lancaster Farming*.

Along with the agriculture

industry, the publishing industry also continues to adopt new technology to provide improved news coverage for readers.



Chicken was the entree for the Governor's dinner provided by the members of the Lancaster County Poultry Association. Holding the tray is John Mattilio, left, president of the association, and Dr. John Schwartz, Lancaster County Extension director. From left, members Nelson Groff, Roni Clark, Jay Shannon, Carl Rohrer, Rich Roenigh, and Dan Heller.

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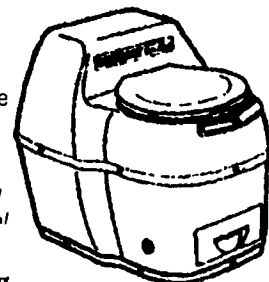
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- ☐ I have poor physical endurance
- ☐ I tend to be moody and irritable
- ☐ I am susceptible to colds and flu
- ☐ I suffer from allergies
- ☐ I frequently feel tense and on edge
- ☐ I am frequently constipated
- ☐ I have frequent pain in my shoulder and/or back
- ☐ I have weight problems
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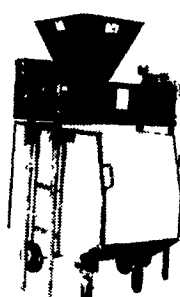
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Extension Sets Important Dairy Meetings

LANCASTER (Lancaster Co.) — Because of this summer's drought and declining milk prices, Penn State-sponsored winter meetings will focus on managing finances and the dairy business, noted Glenn Shirk, Lancaster County dairy agent.

Following is a list of meeting topics and schedules.

• **Dairy Farm Management Basics.** This two-day session focuses on reasons to begin a dairy, getting started in dairying, spending money where it counts, focusing on priorities, feeding and nutrition, cow comfort, reproduction, herd health, herd replacements, monitoring tools, farm safety, and others. The meetings are scheduled Jan. 7 and 14 from 10 a.m.-3 p.m. in the basement of the Lancaster Farm and Home Center. Registration begins at 9:30 a.m.

Lunch is on your own. See the reservation form this issue.

• **Risky Business? Solutions!** As Tim Fritz, Penn State farm management agent explained, agriculture has always been risky business. Lately the risk has intensified. Simply making ends meet is getting tougher and tougher. The farm management extension agents in southeast Pennsylvania have put together some meetings to help farmers deal with their financial challenges. Contact your extension office for details.

• **Crop Insurance — Making It Work For You!** Topics will be covered Jan. 14 from 9 a.m.-3 p.m. at the Cochranville Fire Hall and on Jan. 27 from 9 a.m.-3 p.m. at the Lancaster Farm and Home Center. Return the form included here. Lunch is provided.

• **Farm Financial Health Check-**

up. Learn how to build your balance sheet and learn what the numbers mean. Follow-up assistance will be available to those who complete the training. Attendance is limited to 10 people per session. Dates are Jan. 21, Lancaster Farm and Home Center; Feb. 4, Ephrata Public Library; Feb. 16, Honey Brook Township Building; Feb. 18, Quarryville Library; Feb. 23, Cochranville Community Center and Feb. 25, Paradise Township Community Center.

• **Northeast Dairy Housing Conference.** Learn about cow comfort, planning new facilities, lighting and photoperiod management, stall design and management, impact of facilities on herd health and profits, feed center designs, caring for cows' special

(Turn to Page A37)

Please send me information and registration forms for the events checked below.

- ☐ Farm Financial Health Checkup
☐ Northeast Dairy Housing Conference
☐ Small Business Institute
☐ Penna. Grazing and Forage Conference
☐ Training Farm Workers

Meeting Registration Form and Request for Additional Information

Your Name _____ Phone (____) _____

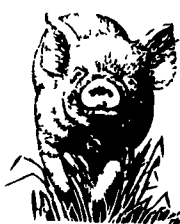
Mailing Address: _____ Zip _____

Mail to Glenn A. Shirk, Cooperative Extension, 1383 Arcadia Rd., Room 1, Lancaster, Pa 17601

Or Phone (717) 394-6851, or email gshirk@psu.edu

Please make the following number of reservations for me for the events listed below:

No of People	Dates	Location	Name of Event and Notes
_____	Jan 7, 14	Lancaster	Dairy Farm Management Basics Cost is \$10.00 per farm. Enclose check Payable to Agricultural Extension Service
_____	Jan 14	Cochranville	Crop Insurance. Make it Work for You!
_____	Jan 27	Lancaster	Select a location of your choice
_____	Jan 21	Lancaster	Farm Financial Health Checkup
_____	Feb 4	Ephrata	Select a location of your choice
_____	Feb 16	Honey Brook	
_____	Feb 18	Quarryville	
_____	Feb 23	Cochranville	
_____	Feb 25	Paradise	



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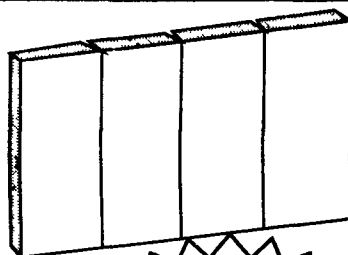
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Century Of Farming

(Continued from Page A1)

plows that allowed the luxury of riding on a sturdy steel seat. Multiple mole boards increased the speed a field could be covered. The hand hoe gave way to riding cultivators. Disk harrows and other tilling equipment made farming faster and easier.

And a good thing too. The number of people in cities increased rapidly and they demanded food on their tables. This drove farmers to increase production by adding new mechanical devices and turn over greater portions of land with the increased capability. Soon production was increasing every year. The demand was good and prices high in comparison to input costs and soon farmers had money to buy more new machinery and more acres. Not only did the American Farmer feed the people at home; a great deal of the farm production was traded over the oceans.

When the war in Europe drew U.S. soldiers into the conflict, the call went out to dramatically increase food production. Farming became not only a good

business but also a patriotic occupation essential to the strength of our country.

By 1925 tractors started to replace horses. Soon, combines replaced threshing rigs, and corn binders and silo fillers made the storage of feed for winter more practical. Production of milk and meat increased too, as county extension agents made the research findings at the land grant colleges and universities available at the farm level.

But when the Depression hit the cities in the late 1920s and into the 1930s, the economic bust whipped back into the farm economy as well. Credit was tight, debt loads became unbearable, and almost everyone was faced with hard times. But farmers continued to increase production and soon the buzzwords were "supply management." Many of the farm programs that are only now being phased out began in the 1930s and 1940s.

As World War II unfolded, surpluses again vanished, and farmers became the heroes of the decade. Food from the American

Farmers literally fed the allied troops. Farmers were proud to be farmers. And they were honored along with the nation's other war heroes. Production increases were tied to better farming practices. Input costs were relatively low in comparison to farm prices. If a fertilizer was good, a little more couldn't hurt. Excess nutrients in the soil were considered a plus to next year's crop production. Chemicals such as 2,4-D came on the market to kill the weeds. Insecticides could control the bugs.

As the war ended, the industrial production that had gone into the military machine became available to produce agricultural equipment. Larger tractors, along with new tillage and harvesting equipment made farm life easier and helped increase farm productivity. Electricity, telephones, and other modern home appliances came to rural families making them equal with their city cousins.

But again the fervor to feed the world at war had put farm production in such high gear that when the war ended, surpluses brought depressed prices to farm products. This scenario was later

repeated with the Korean War.

The trend moved toward fewer farmers farming larger farms. The felt need to produce more to make up for the lower prices continued through the century. Soon, the credit lender and the farm consultant became necessary partners in the everyday life of the farmer. Government subsidies, population growth, and exports only partially helped to offset the cost of the farmer's debt load.

Input costs increased dramatically. Both fuel and fertilizer costs doubled within a decade, but commodity prices reverted back to Depression levels. In the 1990s farmers were still pinched between the cost of production and the prices received at the farm gate. And new forces were at work. Environmental concerns over excesses earlier in the century were shaping government policy. Nutrient management laws began to restrict farmers' abilities to farm efficiently. Recommendations for low input and organic farming became more commonplace. Some farmers were backing off from maximum production in favor of lower input costs. Chickens could be seen out on range again in these operations. Rotational grazing of dairy and beef cattle became popular discussion topics at farm meetings.

But in tremendous contrast, biotechnology shaped the other side of farming. Genetic engineering so affected plant production that Bt corn eliminated the need for pesticides. As this writer stated: "The corn plant now eats the corn bore."

Cloning of animals gave focus to new and uncharted paths to future animal husbandry. Farmers become more specialized with larger concentrated operations. This caused opponents of agriculture to decry the methods and mechanics of the modern farmer. Instead of applause for feeding the world and being the best example of efficiency in production, farmers are accused, often falsely, of non-point pollution of our streams and waterways while excess nitrates from city and industrial sewage plants go unnoticed by public opinion.

When the century began one farm worker supported himself and one city worker. In 1999 one farmer supported himself and 360 city workers. "Farming as a way of life" was replaced in the middle of the century with "farming as a business." But farming never lost its feeling as a way of life. The feel of wheat in a bin when you plunge your hand in to your elbow. The smell of new mown hay or corn silage in the manger. The joy of a newborn calf, or kid, or foal. The feel of the night as darkness settles over the fields, with only tractor lights and the stars in the sky to give orientation to the night work at hand and communion with nature. The pure pleasure of watching hogs eat.

Yes, farming is a business. But the farmer is so tied to the earth--the seedtime, the harvest, the cold and the heat, the summer and the winter, the day and the night--so tied to the spirit of farming that his business is his way of life.

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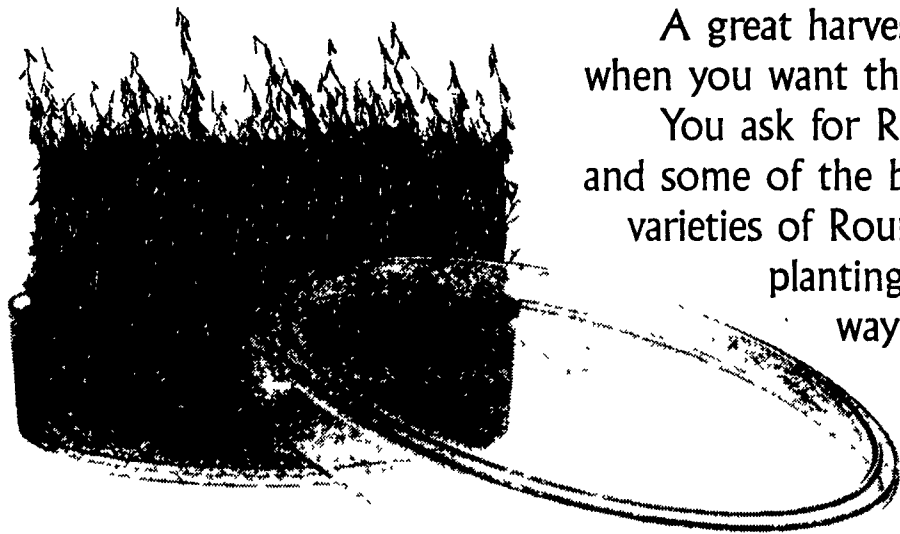
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(Continued from Page A2)

slow on this holiday week and receipts were light or losses could have been greater. Packer needs were only minimal as most area slaughterhouses were on a reduced schedule. Western feedlots had yet to move all of their showlists by Thursday afternoon, but trade had established 100-150 lower at 68.00 live and 108.00 dressed. Local Holstein steers managed to hold steady this past week. Slaughter cow trading was active early in the week, with most Southeastern markets closed for the holidays. However, prices slipped lower on Thursday to end mostly steady, after trading 100-200 higher early. Demand was good for Holstein bulls, but prices still ended 100-200 lower than last week's active market. Supply included 37 percent slaughter steers, 7 percent slaughter heifers, 41 percent slaughter cows, 5 percent bulls, with the balance mostly feeders.

SLAUGHTER STEERS High Choice and Prime 2-4 1105-1460 lbs 69.50-73.50. Choice 2-3 1125-1515 lbs 68.00-71.00, few high dressing 1-2 up to 71.50. Select and low Choice 2-3 1115-1505 lbs 62.75-69.00, 1505-1590 lbs 60.75-62.00. Select 1-3 985-1480 lbs 58.00-66.75, package returning to feed 1245 lbs 58.75.

HOLSTEIN STEERS Choice, few Prime 2-3 1125-1680 lbs 57.50-62.00, few 1680-1765 lbs 55.00-55.85. Select and low Choice 2-3 1090-1555 lbs 53.85-57.85. Select 1-2 1075-1505 lbs 49.75-54.50.

SLAUGHTER HEIFERS High Choice and Prime 2-4 1145-1305 lbs 68.75-70.60. Choice 2-4 1100-1450 lbs 64.75-69.50. Select and low Choice 2-3 1015-1420 lbs 61.75-66.25. Select 1-3 925-1280 lbs 57.00-65.00.

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1 1400-1965 lbs 47.00-56.25, couple
heavy muscled 1600-1880 lbs 60.75-
62.75. Yield Grade 2 1070-2280 lbs
40.00-47.75. Bullocks Select 1-3 805-
1285 lbs 45.25-57.00.

CALVES Compared to last week, veal calves finished the week strong with increased demand for veal right before the holidays and prices ended 500-1000 higher. Larger slaughter calves were only lightly tested late in the week. Just as it looked like Holstein bull feeder calf prices were on their way down, the market set new highs for the year on Thursday. Bull calves bound for special-fed veal barns closed the week 20.00-40.00 higher. Holstein heifers ended mostly steady to weak.

VEALERS Good and Choice 70-110 lbs 18.00-42.00, late mostly 25.00-32.00. Standard and low Good 60-90 lbs 10.00-25.00.

SLAUGHTER CALVES Good and Choice 200-350 lbs 75.00-105.00, 350-550 lbs 55.00-85.00.

RETURNED TO FARM Holstein bulls 90-125 lbs 145.00-190.00, 80-95 lbs 76.00-165.00. Plainer-type 95-125 lbs 132.00-165.00, 80-95 lbs 35.00-129.00. Holstein heifers 80-110 lbs 240.00-327.00. Plainer heifers 85-130 lbs 100.00-230.00, 70-85 lbs 90.00-125.00.

Penn State Ag Engineer Receives Black Award For Research

UNIVERSITY PARK (Centre Co.) — Harvey Manbeck, distinguished professor of agricultural engineering, recently received the 1999 Alex and Jessie C. Black Award for Excellence in Research.

Manbeck is a renowned researcher in wood engineering and structural design. His work on hardwood timber bridges and post-frame buildings has been recognized nationwide. He is a member of the structural system group in Penn State's Housing Research Center and a member of the Pennsylvania Transportation Institute.

"Having the opportunity to combine engineering research with graduate and undergraduate education has been one of the joys of my life," Manbeck said. "Without question, the most rewarding aspect of my research career is being a part of the intellectual growth of young engineers as they develop a broad spectrum of research skills."

Alex Black and his wife, Jessie, endowed the Black Award for Excellence in Research, which offers a \$1,000 honorarium and plaque. Alex Black retired from

Penn State in 1969 following a distinguished career in research, teaching, and administration.

With colleagues from the School of Forest Resources, Manbeck created a project to develop structural glue-laminated products from undervalued and underutilized Pennsylvania hardwoods such as red maple. The project has developed design standards for glue-laminated hardwood highway bridges. Several timber bridges have been installed based on the group's research and design specifications.

"His astounding accomplishments as a researcher and teacher attest to his distinguished career," said Roy Young, professor and head of agricultural and biological engineering. "Young engineers could have no better role model of a professional."

Manbeck also is an expert on poultry housing and has advanced the definition of structural loads for grain storage facilities. He is a founding member of Penn State's Particulate Materials Center, where his research helped define the mechanical behavior of granu-

lar materials. His early research focused on the interaction between structural bin walls and stored grains.

His national and international research awards include the Henry Geise Structures and Environment Award in 1990 and the Engineered Timber Bridge Award from the National Forest Products Association in 1993. He has won numerous teaching awards, including Penn State's George W. Atherton Excellence in Teaching Award in 1991.

Manbeck was named distinguished professor of agricultural engineering in 1996. He started his academic career as an assistant professor of agricultural engineering at the University of Georgia in 1970. From 1975 to 1977, he was an associate professor and extension agricultural engineer at The Ohio State University. He returned to the University of Georgia in 1977 and came to Penn State as a full professor in 1980. He served as interim director of the Housing Research Center in 1995.

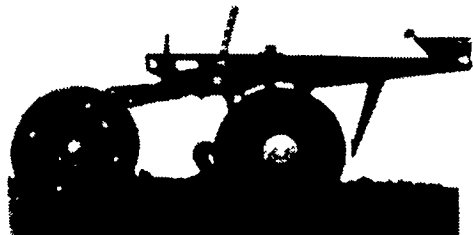
He earned his bachelor's and master's degrees in agricultural engineering from Penn State in 1963 and 1965, respectively. He earned his doctorate in agricultural engineering from Oklahoma State University in 1970.

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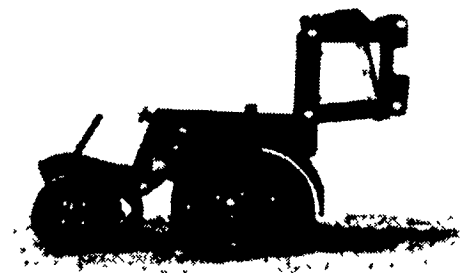
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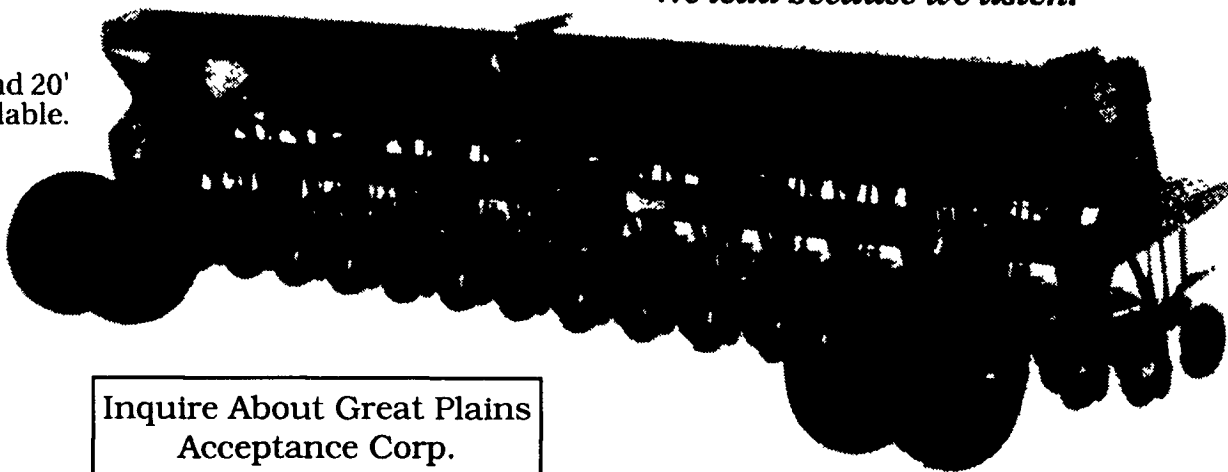
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Pennsylvania Dairy Stakeholders Elect Officers And Directors

GRANTVILLE (Dauphin Co.) — The Pennsylvania Dairy Stakeholders Board of Directors elected Joel Rotz, Camp Hill, as their new president at a recent board meeting held in conjunction with the 1999 Pennsylvania Dairy Stakeholders Conference. At the same meeting, Richard C. Waybright, Gettysburg, was elected vice president and Betty Reibson, Forksville, secretary. The officers were elected to serve a one year term.

Rotz is the director of national legislative programs and dairy specialist for the Pennsylvania Farm Bureau. He has lifelong ties to the dairy industry having been raised on a Franklin County dairy farm. He was a dairy producer in Franklin County for 20 years before

taking a position with Farm Bureau in 1995.

Waybright is co-founder of Mason Dixon Farms, Inc. where they currently milk 2,300 cows and farm 2,400 acres. He also serves as president of the PA Dairy Promotion Program and is a member of the National UDIA Board that directs the spending of producers' funds for milk promotion.

Reibson is a dairy producer and county commissioner in Sullivan County and is active in the Pennsylvania Dairy Princess Program.

At the 1999 annual meeting, four directors were re-elected to three-year terms on the 13-member Stakeholders Board of Directors: Lewis Gardner, dairy producer and DFA director, Galeton; Ralph Heffner, dairy producer and

Agway board member, Pine Grove; Beverly Minor, dairy producer and chairperson of PMMB, Washington; and Betty Reibson, dairy producer and Sullivan County commissioner, Forksville.

Chuck Cruickshank, Carlisle, was appointed to the Stakeholders Board to fulfill the unexpired term of Ivo Otto, who recently resigned his board position. Cruickshank is director of procurement and member services for Land O'Lakes Cooperative in Carlisle.

Other directors include: Philip Kimmel, Lancaster; Dean Girton, Millville; Gary Heckman, Ithaca, N.Y.; Dave McCorkle, Camp Hill; and Paul Semmel, Schnecksville.

The Pennsylvania Dairy Stakeholders is an organization representing all segments of Pennsylvania's large and economically important dairy industry. With the stated goal of "facilitating the viability and expansion of the Pennsylvania dairy industry," the organization welcomes all interested

persons to become members and participate in programs that benefit the dairy industry. Additional information is available from N. Alan Bair at 717-948-6328.

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Extension Sets Important Meetings

(Continued from Page A32)

needs, and take an optional tour. The conference is scheduled Feb. 1-3 from 9 a.m.-noon at the Radisson Penn Harris Hotel and Convention Center, Camp Hill.

• **Small Business Institute.** This institute is designed for progressive farmers who are interested in sharpening their business management skills. It consists of four sessions with focus on leading your business and evaluation the "Sweet 16" business plans, enterprise accounting, and managing employees for peak performance.

Lancaster dates are Feb. 3, 10, 17, and 24. Return the enclosed form.

• **Training Farm Workers.** Two labor training workshops have been designed for progressive dairymen to help training them and their labor crews. The training is scheduled March 16, milking crews, in Franklin County, and training the feeding workforce, March 23 in Lancaster County. For more information and registration form, return the enclosed form.

• **Pennsylvania Forage and Grazing Conference and Trade Show,** March 1-2 in Grantville.

Topics include Forgey's eight years of grazing experience, marketing opportunities, niche markets, harvesting equipment, pasture establishment and management, and more. For more information, return the enclosed form.

Other upcoming events include the Lancaster County extension annual meeting Feb. 3, dairy reproduction meeting Feb. 11, Lancaster Dairy Days Feb. 15 and Feb. 29, and dairy biosecurity Feb. 23.

For more information, call Shirk at (717) 394-6851.



Extension Specialist Elected

NEWARK, Del. — Ed Kee, cooperative extension specialist for vegetable crops for the University of Delaware, has been elected president of the North America Pulse Crop Improvement Association. "A pulse is an edible legume crop such as peas, soybeans and peanuts," said Kee.

"Legumes interact at the molecular level with the bacterium *Rhizobium* ('living root'), which allows the plant to take nitrogen from the air and use it in the same manner as nitrogen from the soil," he said. "The relationship between the plant and the bacterium is a mutually beneficial relationship: the bacteria supply the plant with

nitrogen and the plant provides the bacteria with carbohydrates and other organic compounds."

The Pulse Crop Improvement Association primarily represents the seed industry and the research community throughout North American, said Kee, who has served on the board for four years and just finished a term as vice president and program chair.



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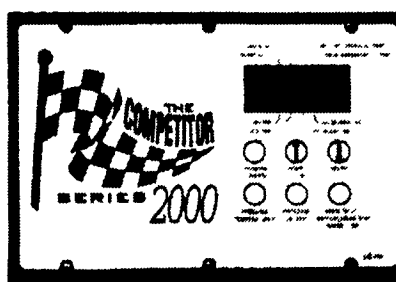
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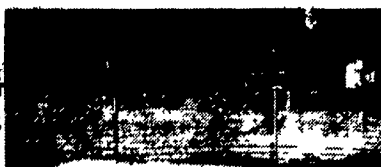
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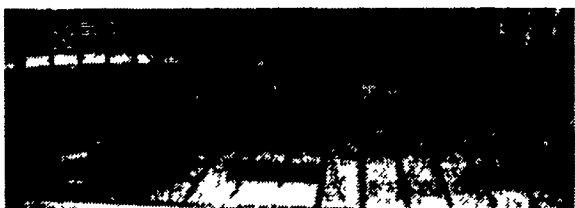


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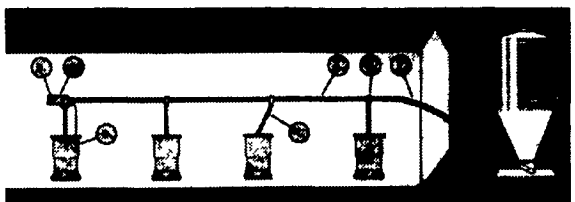


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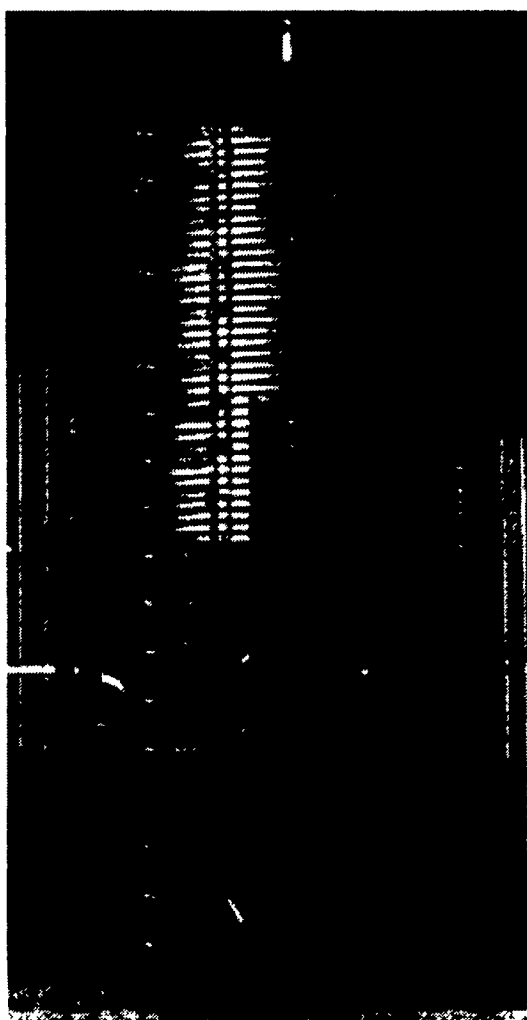
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New Commercial Promotes Milk To Kids

(COLUMBUS, Ohio) - The original video game veteran, Mario, is sporting a milk mustache in a new commercial to show kids how milk's powerful nutrients help bones grow. His mission is to rescue kids from their calcium crisis - seven out of 10 girls and six out of 10 boys age 6-11 don't meet daily calcium requirements.

The latest "got milk"/Milk Mustache campaign commercial starring Mario shows kids how the nutrients in milk help him grow as he bounds out of a television set and heads for the fridge to power-up on milk and asks kids, "Want to grow?" Kids

can check out the commercial all year on kid-networks including Nickelodeon and the Fox Family Channel.

Mario is out to teach kids that drinking milk is an easy way to get the calcium and other nutrients their growing bones need to reach their full height potential.

"The easiest way for children to get calcium in their diets is by drinking milk," says Jenny Wilson, director of communication for the American Dairy Association & Dairy Council Mid East. "Drinking three glasses of milk a day provides children with all the calcium they

need." ADADC Mid East is the local planning and management organization, funded by dairy farmer checkoff dollars, responsible for increasing demand for US-produced dairy products on behalf of dairy farmers in Ohio, West Virginia and western Pennsylvania.

Kids can bone up on Mario milk memorabilia by getting a set of free exclusive Mario Milk temporary tattoos. To get free tattoos, kids can log onto the www.whymilk.com Web site to play Mario Milk Mustache word game and mail it in with a permission slip from their parent or guardian. A special viewing of

the new Mario Milk Mustache commercial can also be downloaded from the Milk Web site.

Mario is the latest commercial from the joint effort between Dairy Management Inc.™ and the Milk Processor Education Program. The advertising effort is part of a jointly funded \$180 million integrated marketing program for the year 2000 that

also includes public relations, product publicity, retail promotion, food service promotion, school nutrition marketing programs and product research. The program is designed to increase consumer demand for fluid milk. ADADC Mid East works closely with DMI to implement dairy promotion, education and research programs nationwide.



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DNEVER, Colo. — Highland cattle are getting a decidedly modern facelift. No longer satisfied with being known as just a hardy and lean breed, the American Highland Cattle Association (AHCA) is working diligently to develop programs to identify and improve some of the breed's best characteristics.

Through the use of ultrasound technology, breed improvement records and a central bull test, Highland producers are improving the cattle and commercial operators are learning about their advantages.

The use of ultrasound measurements was first introduced to the breed at the National Show in Denver, Colo. There producers learned of the tremendous ribeye muscling that Highlands exhibit. While as an industry 1-inch of ribeye per 100

pounds of body weight is considered good. Highland bulls averaged well over this figure. Additionally, they had excellent marbling and very little back fat. All this points to an animal that will produce a carcass with added value.

Next year AHCA will launch a herd improvement record system. This will assist producers to identify the top performing animals in the important areas of growth, fertility, and production. As demonstrated with other breeds, production testing is the best tool available for bettering genetics.

In keeping with the goal of improving production, AHCA is sponsoring a Central Bull Test at Drover Hill Farm in Earlville, N.Y. Twenty-five Highland bulls from across the country have been gathered for this feed test.

The cattle will be weighed monthly and, at the end of the test, receive ultrasound and breeding soundness testing. The top 60 percent of these bulls will then be sold on Saturday, May 20, at Empire Livestock, Dryden, N.Y. This will be the first time performance tested Highland bulls are offered at public auction.

For a sneak preview of these unique cattle, they will be featured at the National Western Stock Show from January 20-22. The 12th Annual National Show and Sale is shaping up to be one of the largest and best yet. More than 150 head will show on Friday, Jan. 21 and 40 of these select entries will sell on Saturday, Jan. 22.

This is an excellent chance to

watch to watch some of the breed's best compete for top honors with the opportunity to purchase these quality consignments the following day.

For more information on the Highland breed, Central Bull Test and Sale, National Show and Sale, or any of AHCA's programs, contact them at (303) 292-9102, ahca@envision.net or check out the website at www.highlandcattle.org

Pa.'s First National Beef Ambassador Competes In Kansas

MIDDLETOWN (Dauphin Co.) — Sarah Bolyard, Mercer, attended the 1999 National Beef Ambassador Competition, Wichita, Kan., on Nov. 4-6.

She was one of 32 state delegates competing in the annual scholarship competition.

Bolyard said, "The teens were from across the United States — they all take beef seriously because it is their livelihood. Some of the delegates were from ranches with more than 1,000 acres, finishing more than 600 head of cattle of every year! It was a great experience to be Pennsylvania's first delegate to nationals."

The National Beef Ambassador Program began in 1988 as a scholarship event sponsored by the national CattleWomen and then by the Cooperative Extension National 4-H Program. In 1995, the American National CattleWomen received beef checkoff funding from the Cattlemen's Beef Board to expand the program that today involves all youth representing the 50 states, ages 15-19.

The purpose of the National Beef Ambassador Program is to train spokespersons for the beef industry. Through preparation for the competition, contestants become knowledgeable about the nutritional and economic value of beef, beef by-products, and food safety. Trained youth ambassadors can address issues and misconceptions in schools, workplaces and in their communities, both urban and rural. Contestants participating in the National Beef Ambassador competition presented a five- to eight-minute illustrated talk on the promotional aspects of beef and participated in a hands-on beef education workshop.

For more information on the National Beef Ambassador Contest, contact the Pennsylvania Cattlemen's Association office at (717) 986-0333.



Sarah Bolyard

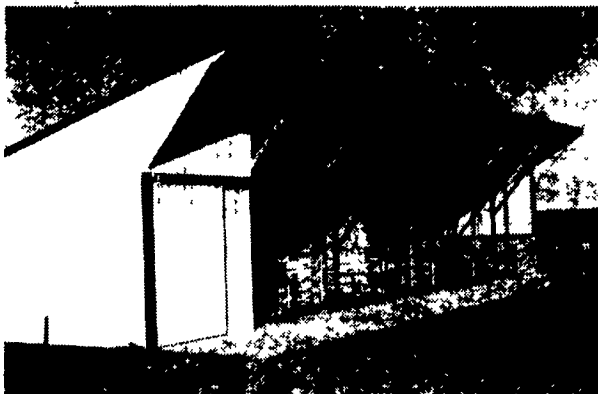


Through the use of ultrasound technology, breed improvement records and a central bull test, Highland producers are improving the cattle and commercial operators are learning about their advantages.

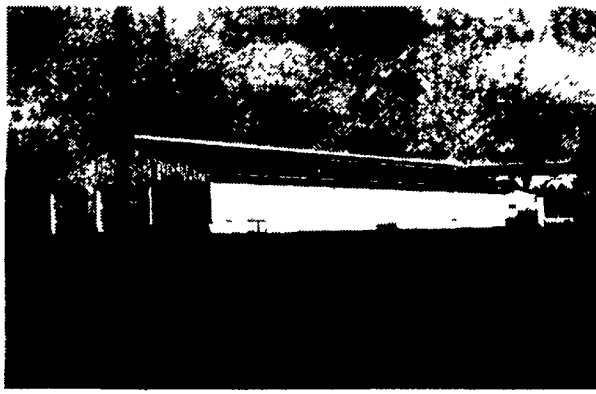
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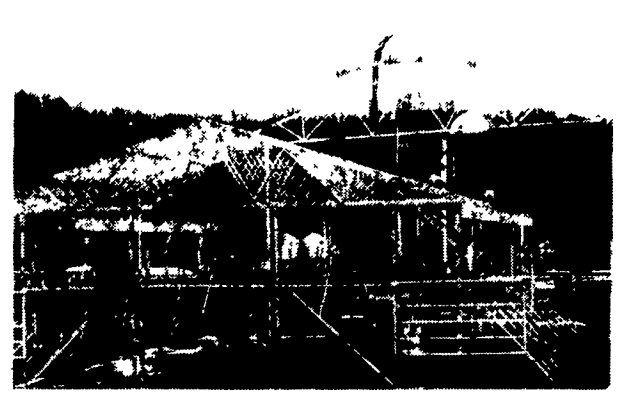
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Ohio Conference Highlights Risk Management For Dairying

(COLUMBUS, Ohio) - Professionals who work with dairy farmers have a chance to develop skills to help those farmers better manage business risks. Ohio State University is sponsoring two January workshops called "Helping You Help Your Dairy Clientele" in Lima and North Canton.

The workshops are designed for agricultural professionals, such as agricultural lenders, milk processors, dairy farm input suppliers, insurance professionals, farm consultants, and lawyers. This is the first time this workshop has been offered in Ohio as part of the National Dairy Risk Management Education Program,

coordinated by Cameron Thraen in Ohio State's Department of Agricultural, Environmental, and Development Economics, and colleagues at the University of Wisconsin.

A team of Ohio State experts will cover different aspects of risk through lectures, case studies, and hands-on work. A risk awareness case study will be conducted in the morning session of the workshop. The afternoon session uses the Managing Risk and Profits/Dairy marketing software to discuss marketing-risk management.

"Continuing changes in dairy policy and the overall economy mean professionals working with dairy farmers need to improve their knowledge of risk management tools" Thraen said. "The workshop provides some of that training and introduces information resources and tools they can use in working with farmers"

For more information on the Jan. 11 workshop at the Ohio State University - Lima location, contact Joe Beiler, agricultural agent in the Mercer County office of Ohio State University

Extension at (419) 586-2179.

For more information on the Jan. 14 workshop at Lolli's Restaurant in North Canton, contact Dianne Shoemaker, district dairy specialist in Wooster at (330) 263-3831.

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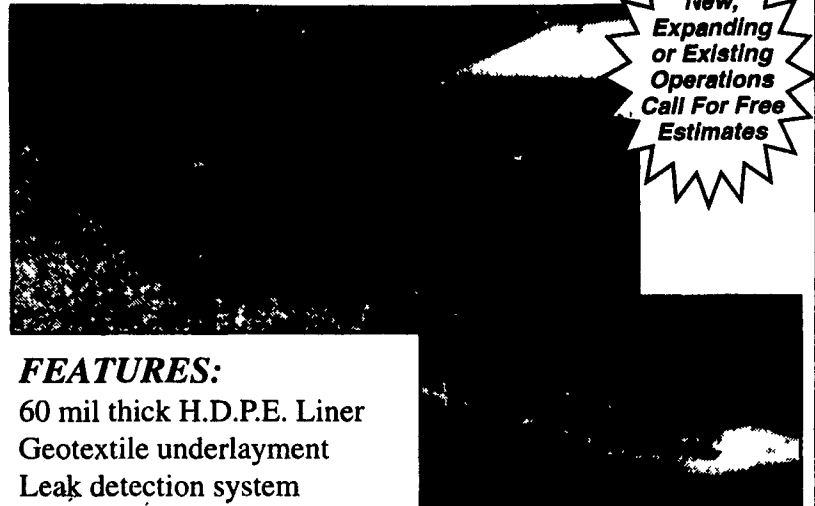
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13.6 x 28	6 ply	\$190.00	18.4R34	1 ★	\$540.00
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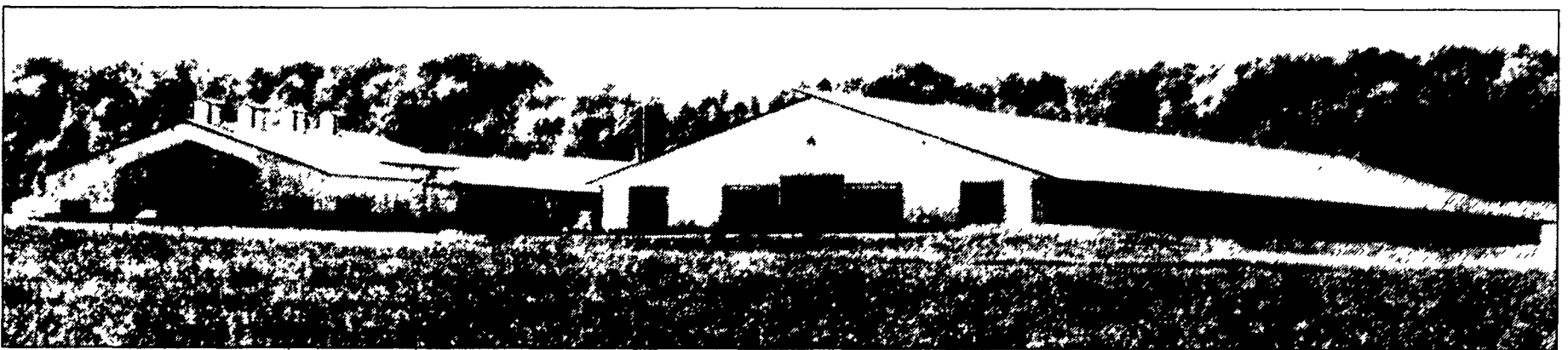
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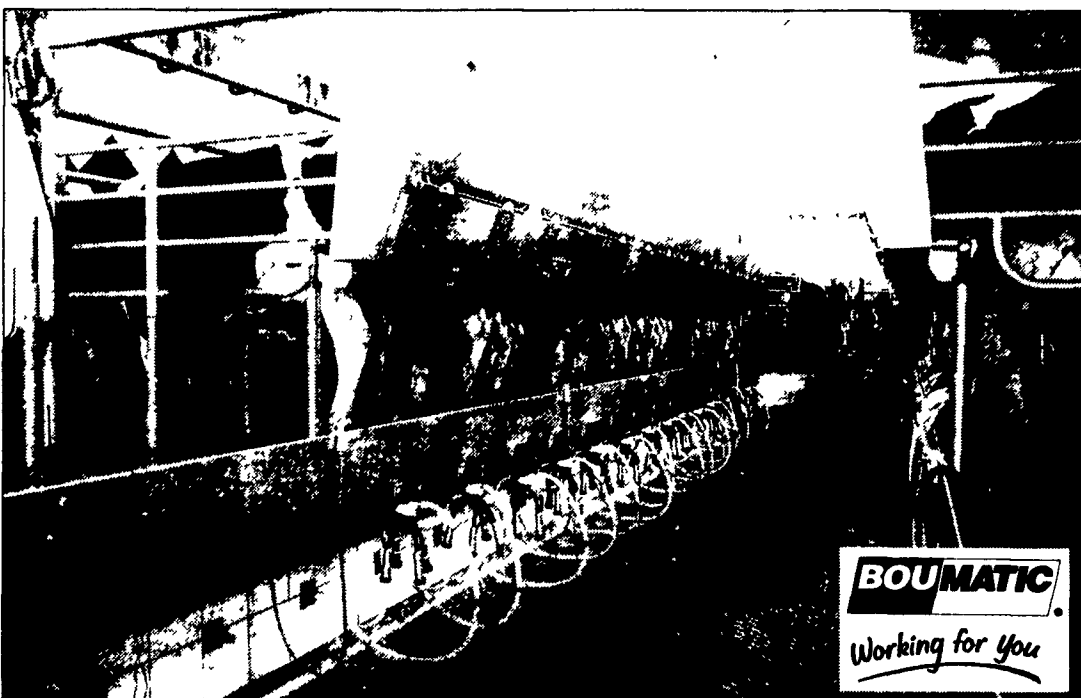
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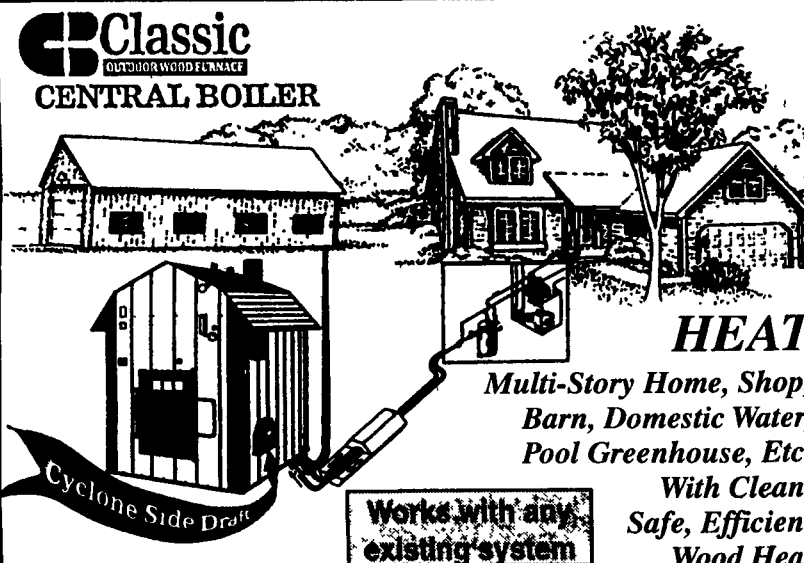
Seedway's Fred Mohr Elected Pennsylvania Seedmen Association President

YORK (York Co.) - The Pennsylvania Seedmen's Association has announced the election of Fred Mohr as president.

Mohr has been an active member of the Pennsylvania Seedmen Association for more than 16 years, serving as secretary for 10 years. He is also a member of the Pennsylvania

Turfgrass Council and the Pennsylvania Forage and Grassland Council.

Mohr, a certified crop adviser since 1996, is a 24-year veteran of the seed business, with experience in farm and turf seed sales / management. Director of turf marketing for Seedway, he has been with the company for 16 years, working out of its York, location



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A FEW HOUSEHOLDS AND ANTIQUES

Location - Rt 23, Leola to Lanc Laboratories.
Turn south onto Geist Rd, go 1 mile to top of hill

25 Head Heifers from day old to freshening
Sires include - Encore, Bestow, Jolt, Emory, Airliner, Windsor, Metro, Demand, Zebo

7 - Hd. Mules Y2K - Ready
Black - 10 yr. old Lead Mule, Broke the Best
Roger - 13 yr. old Lead Mule, Broke the Best
Sam & Silver - Pair 10 yr. olds, 17 to 18 hands,
Big and Strong, Broke to all Farm Machinery
Simon - Big, Strong with Style, Off Side Worker
Millie & Maple - Pair of 3 coming 4 yr. old Mollies, Broke to the poles
Lead Mule on this team is an exception.

Horse Related Items
7 Sets Harness, Bridles, Collars, 1, 2, 3, 4, 5, 6 Horse Hitches; Rope and Pulleys for Tandem Hitch - like new.

Milking Equipment
4 Late Model Bio Milker Units - like new without Pails, Alpha Laval Pulsation; 1 Stainless Steel 16 Qt. Bucket and Twin Tubs, Westfalia Auto Washer; Stainless Tubs; 350 lb Sputnik

Farm Equipment
Liquid Manure Pump - 2 yrs old, E R S Tandem Axle Liquid Manure Spreader - like new, Mc W9 Tractor on steel - runs good; 98 Model I & J Corn Binder, Tandem Axle with Honda Engine - used 2 seasons; Pequea Manure Spreader, 273 New Holland Baler with engine, 200 gal Fisher Field Sprayer, 3 Bale Wagons, John Deere 660 Roll Bar Rake; Nickleson Tedder, Smucker Crimper with Wisconsin Engine; 7' Ground Drive Mower hooked up with I & J Scissor Bar and Hydraulic Lifts - good condition; 2 Bin Wagons with CB Running Gears, 9' Spring Tooth Harrow; John Deere 24 Disc; Pull Behind Packer, I & J 12' Weeder; I & J 2 Row Cultivator; Single Row Cultivator; Zimmerman 30' Bale Elevator with Hydraulic Hose and Motor, White Horse 88 Model 2 Way Plow; New Idea Lime Drill, Liquid Hay Applicator; Gandy Applicator; New Idea Tobacco Planter; 2 Bale Boxes; Walking Plow, 2 Auto Turn Carts and 2 Straight Drive Carts; Sleigh Runners; Feed & Silage Carts, 4 Ton Feed Bin.

Shop Tools
Lincoln Welder - Portable with Kohler Engine; Hand Push Carts, Electric Makita Chop Saw; Hydraulic Press; Electric Motors, Air Motors, Hyd. Motor; Bolt Bin with Assortment of Nuts & Bolts; plus lots of Wagon Items; 30' Silo Pipe with Gooseneck; Baler Twine 9000; Steel Shelving

Household Items and Antiques
Old Wooden Cradle; Dirt Scoop, Old Meat Slicer Philadelphia; Old Philadelphia Sausage Stuffer, Cedar Chest; School Desks; Ice & Roller Skates; many other items not mentioned
No Out of State Checks. Lunch.

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10:35 A.M.

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Closing Date Monday 5:00 P.M.

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every Sat. at 2:23 P.M.

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Center, Sinking Spring, Pa. Zer-
be's Auction Center

AUCTION Sat., January 15th @ 9:30 a.m.

285 High Street, Mullica Hill, NJ
(off Rte. 45)

Farm Equipment plus Contents of Barns

TRACTORS: 1978 J.D. 4240 w/Sound Guard Cab, QR Trans., 1967 J.D. 4020-D, Int. 966 Fresh Overhaul, Ford 600, Farmall Super AV Cult. Side Dresser, Farmall H.

1970 Ford-700 20 ft. Flatbed w/sides & Canvas Top
Kerian Speed Sizer 12' Belt 3'6" Feed, New Holland Baler, J.D. 1219 Hay Bind, Mower 8 ft. Bush Hog, Mollein semi-mounted 4-Bottom Plow, Oliver 4-Bottom Pull Behind Plow, Hay Rake, J.D. Level Bed Potato Digger, J.D. 2-Row Corn Planter 3-pt. Hitch, Power Takeoff Irrigation Pump 4"x6", Irrigation Pipe, Tri-axle Trailer, 3-Farm Trailers, Spike Tooth Harrows, J.D. 10 ft. Tool Bar 3-pt. Hitch, Bear 2 3-pt. Hitch, Air Blower Sprayer 100 gal. Model B400, 1930 Ford AA Truck, Misc. Parts.

4 Trailer Loads of Tools & Misc. Crib House Items Incl. Wooden Keg John F. Betz & Son, Ltd., Phil., PA., Iron Lard Pots, 2,000 Wooden Field Boxes, Chicken Crates, Corn Sheller, Antq. Horse Drawn Sulky Cart, Wooden Wagon Jack, Shop Tools, etc.

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Sat. Feb. 26th Farm Auction,
Rte 322, 1/8 mile W. of N.J. Tpk., Swedesboro, NJ

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To be held on-site near

VILLAGE OF ROHRERSVILLE • MARYLAND Saturday January 15th • 2000 at 10:30 A.M.

NOTICE: Selling their farm and moving from the area, will sell for ROBERT AND MARY DANIEL the following located at 20165 HOGMAW ROAD:



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JOHN DEERE 4020 diesel tractor with wide front; JOHN DEERE 730 diesel tractor with factory wide front end and direct start (recently completely reconditioned); NEW HOLLAND L325 gas/air cooled skid loader with material bucket and manure forks; NEW HOLLAND 520 two beater manure spreader with end gate in like new condition; NEW HOLLAND 310 baler with 70 thrower; NEW HOLLAND 489 haybine; NEW HOLLAND 259 hayrake with rubber teeth; DEUTZ-FAHR 18 ft. tedder; NEW HOLLAND/SELTON 32 ft. bale elevator; 2 PEGUE 18 ft. steel bale wagons; 16 ft. bale wagon with oak sides; JOHN DEERE 506 3 pt. rotary mower in like new condition; DANUSER post hole digger with extension and 9 in. and 12 in. augers; BALTMATIC 3 pt. seeder/spreader; 3 pt. 2 row cultivator; 3 pt. balecarrier; 3 pt. wood splitter; 20 ft. weed wiper; hay bunks; feed troughs; mineral feeders; water tanks; electric fence posts and insulators; wooden posts; steel t-posts; stock rack for pickup; pickup cap; tools including chain saw, BLACK AND DECKER radial arm saw, drill press, oxygen tank, 55,000 BTU kerosene heater in new condition, fertilizer spreader, SEARS riding mower and many other related items not mentioned.

HOUSEHOLD ARTICLES • MISCELLANEOUS

Household furnishings including a nice drop leaf dining room table, set of 4 ladder back chairs, living room furniture including several Lazy Boy rocker recliners, wooden rocking chair, desk, bedding, appliances including 7,000 and 10,000 BTU air conditioning units in new condition, assortment of glassware and china, golf clubs, old four panel doors, old windows, concrete blocks, and many other miscellaneous items not listed.

DIRECTIONS: The Daniel Farm is located 4 miles south of Boonsboro (Washington County), Maryland off Maryland Route 67 turning right onto Rohrersville's Main Street continuing .3 mile to auction site. (WATCH FOR AUCTION SIGNAGE)

TERMS: Cash or approved check on day of auction with positive identification required for registration. Not responsible for accidents on site. **NO BUYERS PREMIUM**

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AccuWeather® 7-Day Forecast for Lancaster and Surrounding Areas

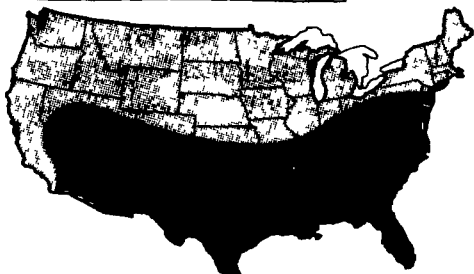
accuweather.com

Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Morning clouds giving way to some sunshine. High 47, Low 30 UV: 1	Sunny to partly cloudy. High 42, Low 25 UV: 2	Windy with a mix of clouds and sunshine. High 42, Low 25 UV: 1	Partly to mostly sunny High 46, Low 30 UV: 2	Increasing clouds. High 44, Low 34 UV: 1	Mostly cloudy with a few showers possible. High 42, Low 28 UV: 1	Mostly sunny. High 40, Low 28 UV: 2

The local 7-Day Forecast is for Lancaster County. The ultraviolet index is a guide to exposure to the sun. The higher the UV index number, the greater the need for eye and skin protection. 0-2, minimal; 3-4, low; 5-6, moderate; 7-9, high; 10 or above, very high.

The Week Ahead

Temperatures



Above Normal

Near Normal

Below Normal

Precipitation



Above Normal

Near Normal

Below Normal

Almanac

For the week ending Tuesday, Dec. 28

Temperature

High 42
Low 13
Normal low for week ahead: 22

Precipitation

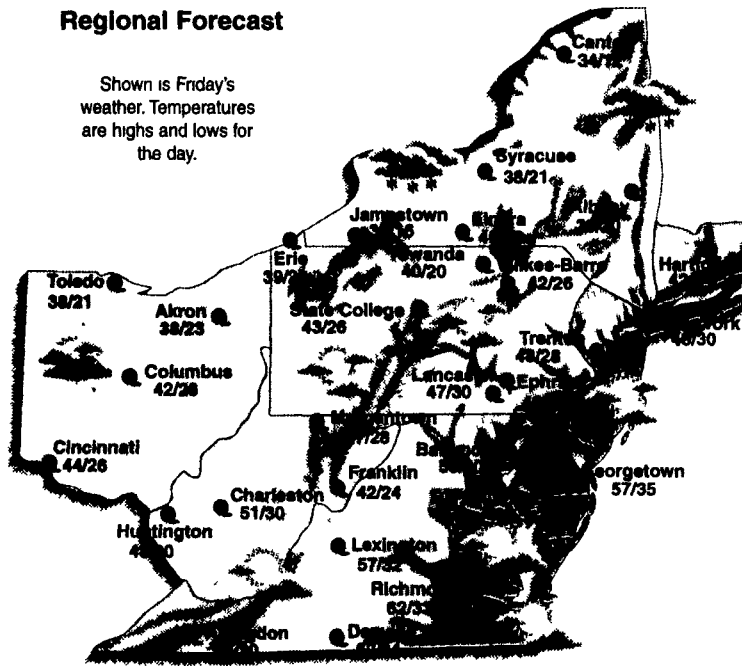
Month to date: 2.82"
Year to date: 40.84"
Normal year to date: 41.02"
Growing Degree Days: 3273

Farming Forecast

The overall dry weather pattern will continue into the middle of next week with no major storms foreseen. A weak cold front will cross the area early Sunday, but there will be little more than a bit of rain or snow. Milder air will return again early next week, then showers are possible Tuesday night or Wednesday as a stronger cold front arrives. This will be followed by chilly air for later next week.

Regional Forecast

Shown is Friday's weather. Temperatures are highs and lows for the day.



Last Week's Precipitation Lancaster

December 22	trace
December 23	0.00"
December 24	0.00"
December 25	0.00"
December 26	0.00"
December 27	0.00"
December 28	0.00"

30-Day Temperature Outlook



Above Normal

Near Normal

Below Normal

30-Day Precipitation Outlook



Above Normal

Near Normal

Below Normal

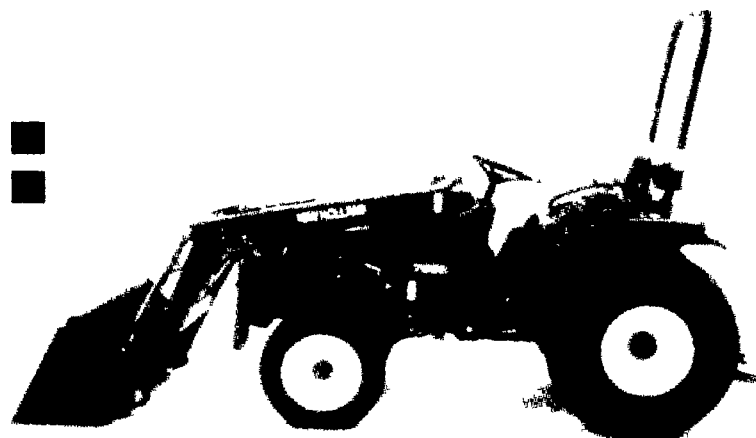
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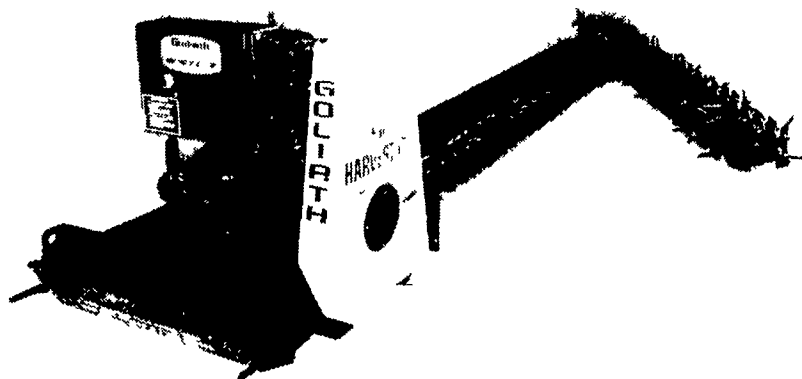
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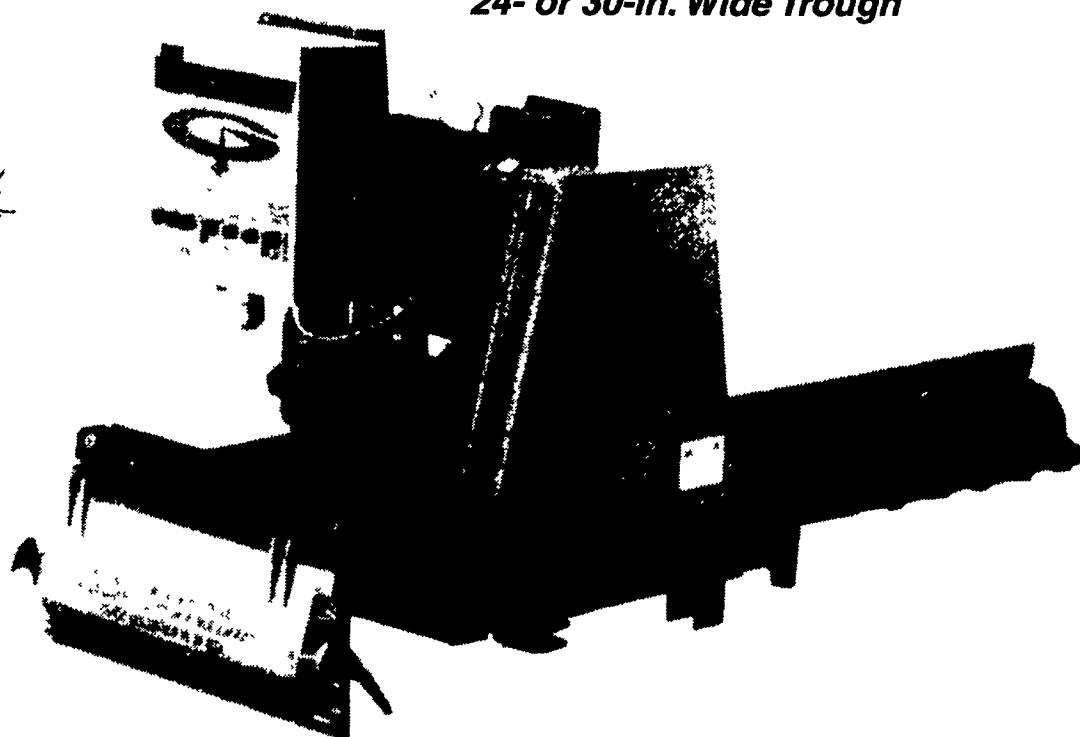
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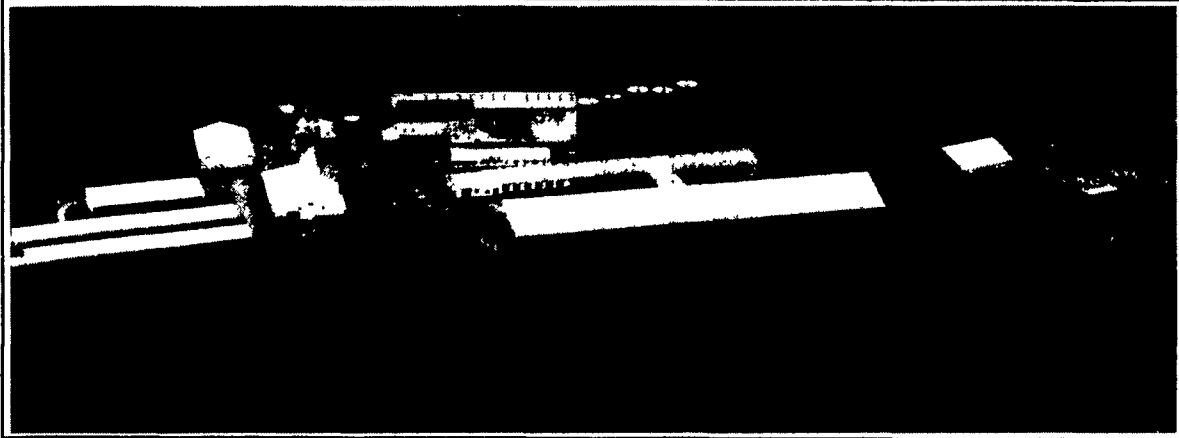
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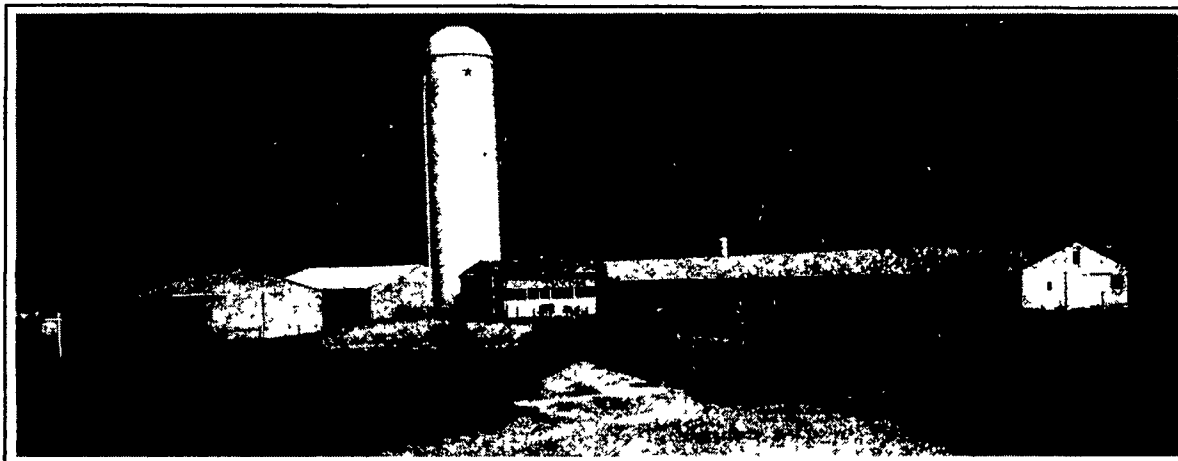
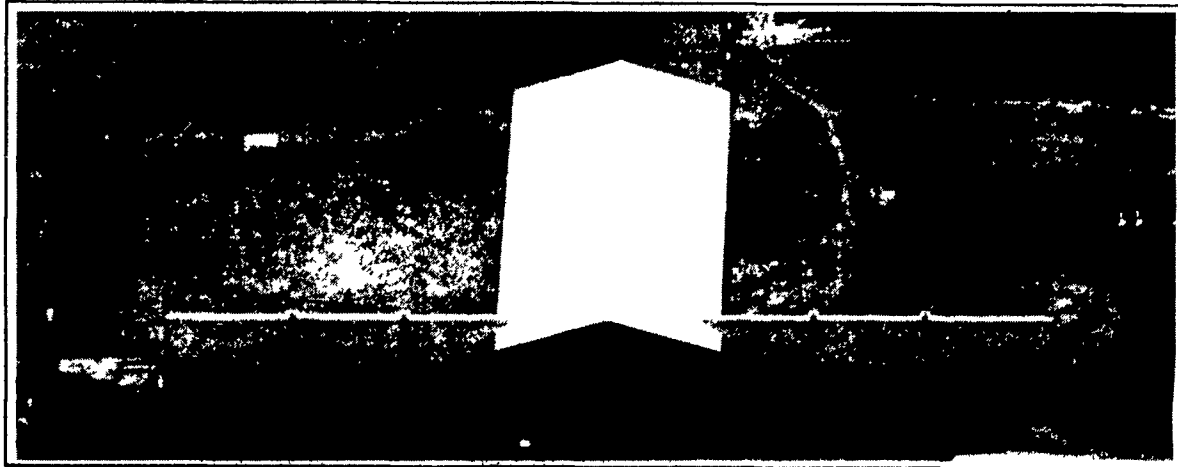
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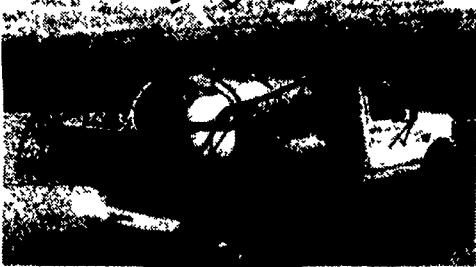


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"The Nitro is a super machine and is backed by a super dealer. Messick's parts & service is first class!"

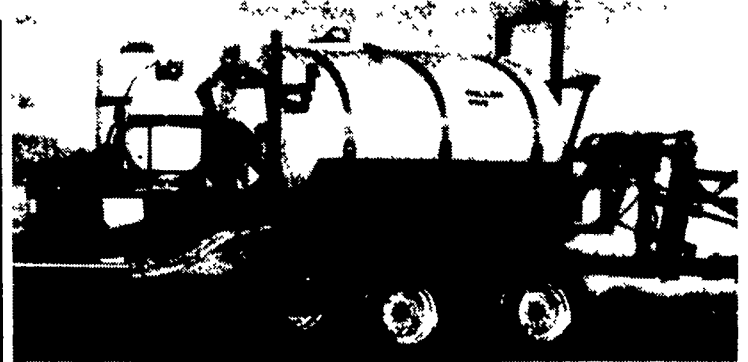
Robert Burchett
Maple Spring Farms
Airlville, PA

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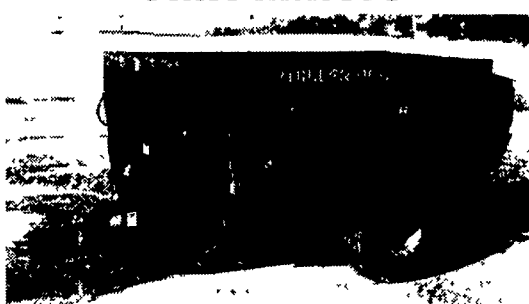
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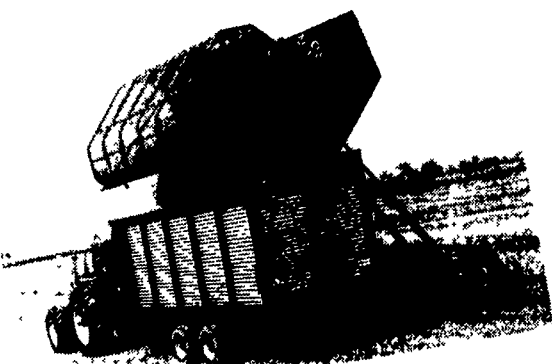


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Cam Spray has been manufacturing quality washing systems
for the Farm Market since 1971.

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110 Volt
2.1 GPM @ 1500 PSI
\$479.00

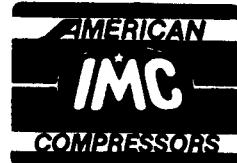
Model 1600HX
5.0 HP Honda
Engine Cart, Soap
Tank and 40' Hose
3.5 GPM @ 1600 PSI
\$619.00

Model 25006HX
6.5 HP Honda
Engine Cart, Soap
Tank and 40' Hose,
3.2 GPM @ 2500 PSI
\$989.00

Hot Water Models

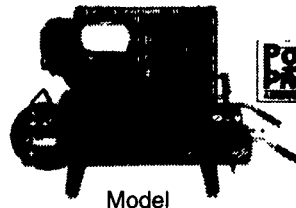
Model 1500SHDE
Hot Water
Pressure Washer
3.0 GPM @ 1500 PSI
3.0 H.P. 220 Volt Electric,
40' hose and
35' power cord.
140 degree temp-rise
\$1995.00

Model 3000SHDH
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Pressure Washer
4.0 GPM @ 3000 PSI
13 H.P. Electric Start
Honda Engine
Needs No Electricity
140 degree temp-rise
\$3695.00



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Count On!"**

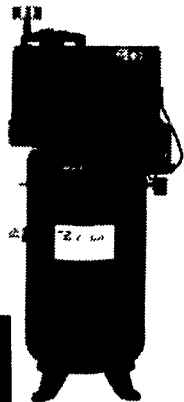
American IMC air compressors are
100% factory tested at full pressure
to ensure a defect-free product. All
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Model
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Model
318VL



**SEE US AT BOOTH 169
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Bel Aire	HP	Volt / Phase	Air Delivery (ACFM)	Max PSI	Tank Size	Sale Price
4520CP	4.5	115/230/1	8.8 @ 100 psi	125	20CP	\$419.00
6060V	6	208-230/1	13.35 @ 100 psi	130	60V	\$695.00
218V	5	208-230/1	15.33 @ 100 psi	175	80V	\$995.00
318VN	5	208-230/1	18.50 @ 100 psi	175	80V	\$1,175.00
318VL	7.5	208-230/1	25.25 @ 100 psi	175	80V	\$1,585.00
Pow'r Profile	HP	Engine Amp/Volt	Air Delivery (ACFM)	Max PSI	Tank Size	Sale Price
D2011	2	14.4A/115V	5.59 @ 100 psi	130	4	\$297.00
T3020	3	19A/115V	7.41 @ 100 psi	130	8	\$545.00
TB5020	5	Briggs	7.41 @ 100 psi	130	8	\$619.00
TH5560	5.5	Honda	13.35 @ 100 psi	130	8	\$979.00
TV908-1	9	Vanguard	18.50 @ 100 psi	175	10	\$1,695.00

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NEW HOLLAND

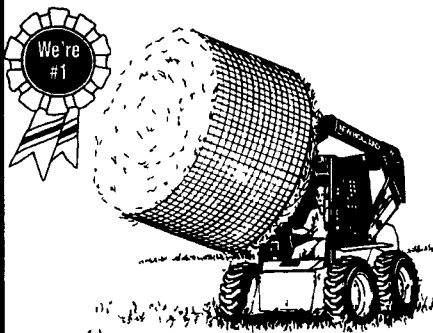
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KEYSTONE FARM SHOW BOOTH 187 MEMORIAL HALL



NEW HOLLAND

When It Comes To
SKID LOADERS



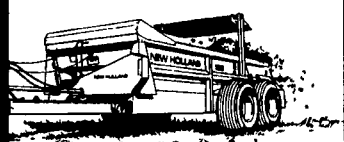
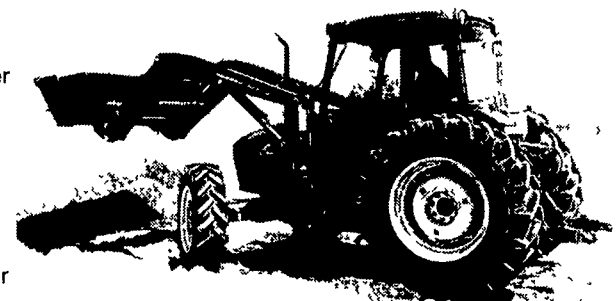
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0%
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AND NEW HOLLAND
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tractor with an 8x8 or 16x16
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maneuverable 3-cylinder tractor
on the market.

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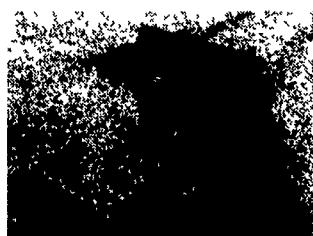
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Model 638 makes 4-ft. x 4-ft.
bales. Our smallest round baler
offers long-lasting value for
smaller farms. Although small,
it's built tough so you can rely
on it for years to come.

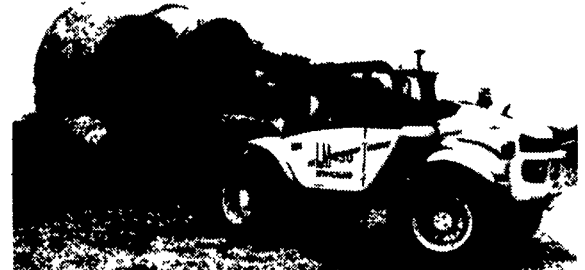


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and they're willing to back
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come with Bonded
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NEW HOLLAND

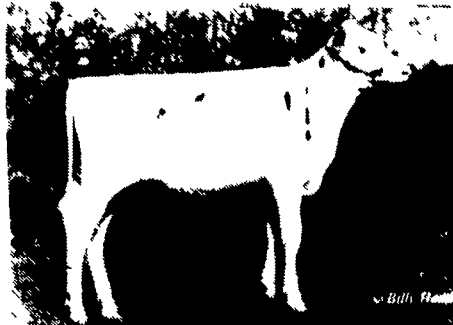
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All-Maryland Holstein Winners



Oseeana MS Starlite-ET owned by Jami Leigh Savage of Knoxville, MD, was awarded All-MD Spring Calf and Jr. All-MD Spring Calf.



Reserved All-MD Spring Calf went to Windsor Manor Leader Kinko owned by Kelly G. Myers of New Windsor, MD.



Reserved Jr. All-MD Spring Calf was awarded to Shady-Hope IV-ann Laredo owned by Amanda L. Shan of Pylesville, MD.



All-MD Fall Calf and Jr. All-MD Fall Calf went to Windsor Manor Mandel Kori owned by Kelly G. Myers of New Windsor, MD.



Reserved All-MD Fall Calf went to Long Green Inca of Long Green Farms in Rising Sun, MD.

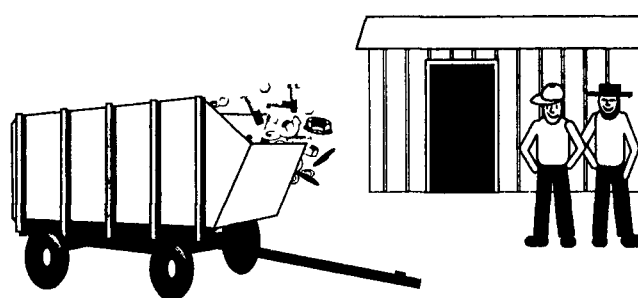


Schruppdale Trisha owned by Amy Elizabeth Iager of Fulton, MD, was awarded Reserved All-MD Fall Calf.

(Turn to Page 5)

Provide a Great Service in your Farm Community & Increase your Profits

1. Buy Bolts by the wagonload...



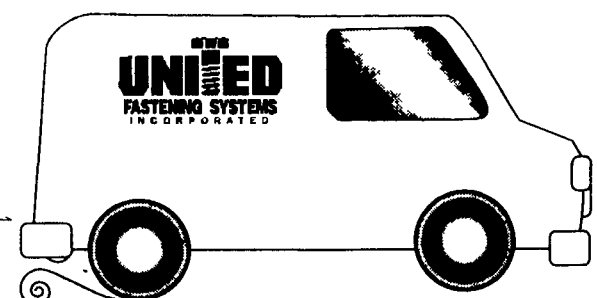
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January 4th, 5th & 6th, 2000

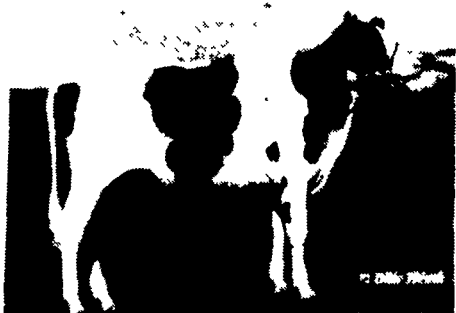
York Fairgrounds, York, PA

Lancaster D.H.I.A. serves Southeastern
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All-Maryland

Holstein Winners

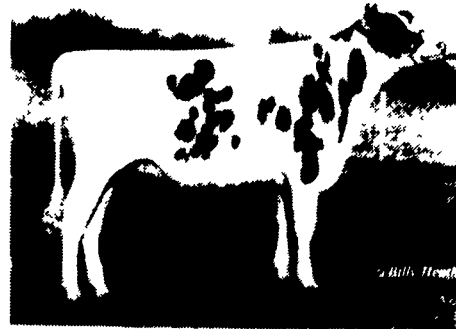
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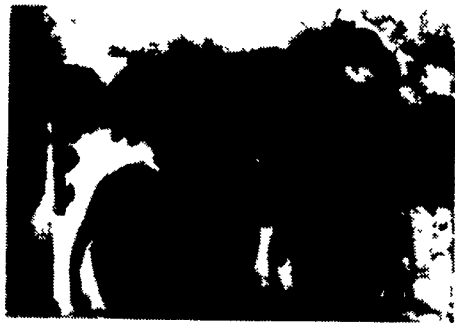
Amy Elizabeth Iager's Sanhillview Kem Heidi of Fulton, MD, was awarded All-MD Winter Calf.



Ryan Savage of Knoxville, MD, was awarded Reserved Jr. All-MD Winter Calf with Savage-Leigh Astre Kallie-TW.



Reserved All-MD Spring Yearling and Jr. All-MD Spring Yearling went to Mis Storm Crystal owned by E. William Iager, Jr. of Fulton, MD.



RA-Rob Jeb Ruby Tuesday owned by Cory R. Christman of Poolesville, MD, received Reserved Jr. All-MD Fall Calf.



Jared G. Christman's RA-Rot Encore Carmel of Poolesville, MD received Jr. All-MD Winter Calf and Reserved All-MD Winter Calf.



Windsor Manor Wade Twist from Windsor Manor in New Windsor, MD, was awarded All-MD Spring Yearling.



Reserved Jr. All-MD Spring Yearling went to Greenwood-Acres Aeroline GG owned by Patrick Kennedy of Kennedyville, MD.



Kelli Ann Savage's Savage-Leigh Sweet-D - ET of Knoxville, MD, was awarded All-MD Summer Yearling.



MD-Dun-Loafin Merrick Cayla owned by Paul F. Harrison of Burkittsville, MD, received Reserved All-MD Summer Yearling.



RA-Rob Astre Ivory owned by Cory R. Christman of Poolesville, MD, was awarded Jr. All-MD Summer Yearling.



All-MD Fall Yearling went to MD Dun-Loafin Astre Anya owned by Amy Elizabeth Iager of Fulton, MD.



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& CAT 7.3L

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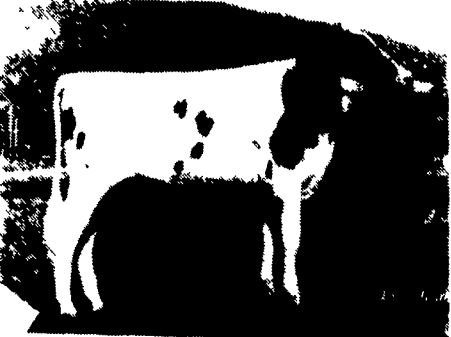
(Turn to Page 6)

Holstein Association Congratulates All-Maryland Line Up

(Continued from Page 5)



Savage-Leigh Genette-ET owned by Jami Leigh Savage of Knoxville was awarded both Reserved All-MD and Jr. All-MD Fall Yearling.



Reserved Jr. All-MD Fall Yearling went to Kauland Highlight Kayla owned by Brittany R. Remsburg of Jefferson, MD.



Savage-Leigh Encore Heather owned by Ryan Savage of Knoxville, MD, was honored with both All-MD Winter Yearling and Jr. All-MD Winter Yearling.



Reserved All-MD Winter Yearling and Reserved Jr. All-MD Winter Yearling went to MD Dun-Lawn Astre Sassy-ET owned by Dustin Harrison of Woodbine, MD.



The All-MD Jr. Best Three Females went to Savage Leigh Farms, owned by Wayne & Cindee Savage and family of Knoxville, MD.



The offspring of Brook-Lodge C Chips owned by Brook-Lodge Farms of Middletown, MD, received the All-MD Produce of Dam.



Reserved All-MD Produce of Dam went to the produce of C-Logic Marijuana owned by Dun-Loafin Farm in Burkittsville, MD.



The All-MD Sr. Best Three Females went to Savage Leigh Farms, owned by Wayne & Cindee Savage and family of Knoxville, MD.



Jami Leigh Savage's Savage-Leigh Banana Split of Knoxville, MD, received both All-MD and Jr. All-MD Jr. 2-yr-old cow.



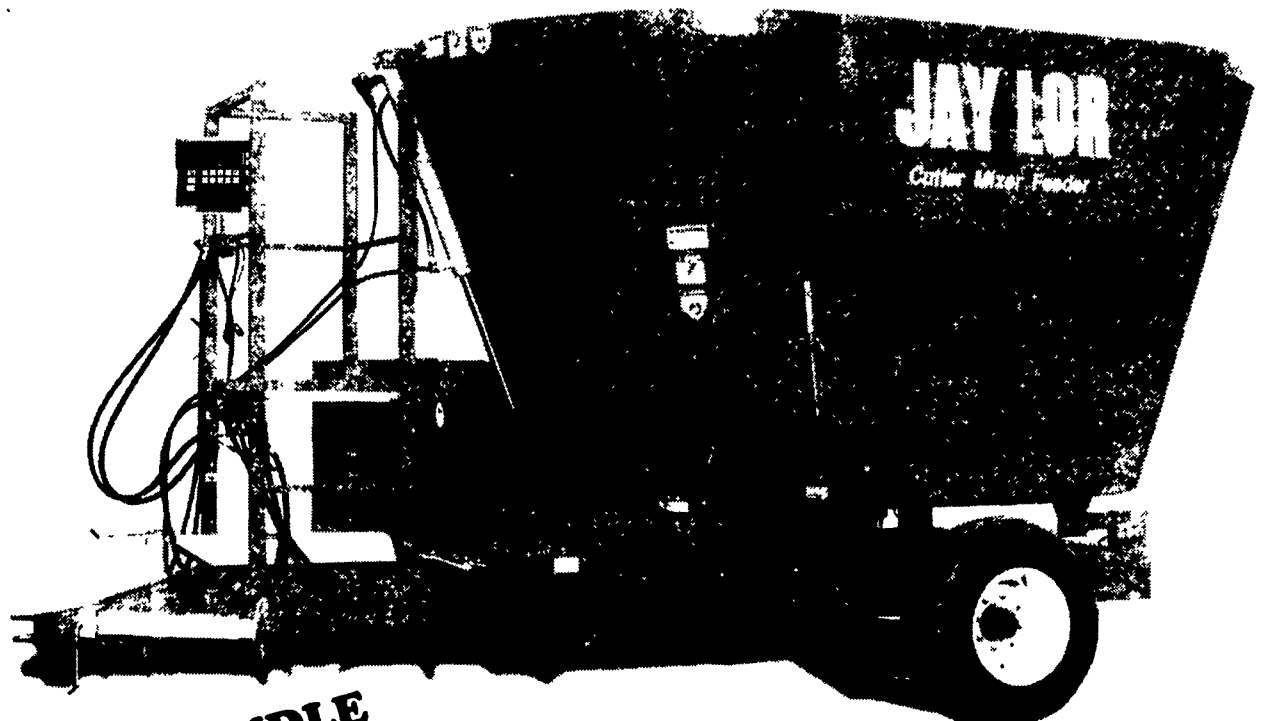
Reserved All-MD and Reserved Jr. All-MD Jr. 2-yr-old was USNAD Broker Adar owned by Emily Yeiser of Arnold, MD.



Ehrhardt Stardust Nina owned by Kenneth A. Ehrhardt of Baldwin, MD, was awarded All-MD Sr. 2-yr-old cow.

(Turn to Page 7)

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**WILL HANDLE
100% HAY
Wet or Dry**

- Front Center Discharge
- Hyd. Drive Unload Conveyor
- Weigh Tronic 715 Scales

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At the KEYSTONE FARM SHOW
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ANNOUNCING

10% Deposit • No Payments for 6 Months
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All-Maryland Holstein Winners

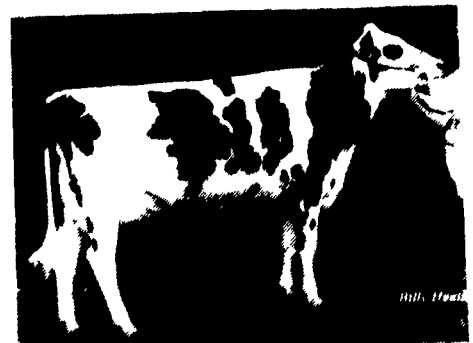
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Reserved Jr. All-MD Sr. 2-yr-old went to Blondin Stardust Lassy-ET owned by E. William Iager, Jr., of Fulton, MD.



Jr. All-MD Jr. 3-yr-old cow went to Mar-Del-View Donaro Jam owned by Bryan B. Smith of Sudlersville, MD.



Jr. All-MD Sr. 3-yr-old cow went to RA-Rob Brokers Surprise-TW owned by Andrea N. Christman of Poolesville, MD.



Reserved All-MD Sr. 2-yr-old cow went to Coldsprings Draftsman Focus owned by Matthew Hoff of New Windsor, MD.



Harvue Encore owned by Rivercross Holsteins and David Cocks of Westminster, MD, received All-MD Jr. 3-yr-old cow.



Bradon Kling of Grantville, MD, received All-MD Sr. 3-yr-old cow with his Ernest-Anthony SD Tobiet.



Reserved All-MD and Reserved Jr. All-MD Sr. 3-yr-old cow was awarded to Savage-Leigh Victor Ashtin owned by Jami Leigh Savage of Knoxville, MD.



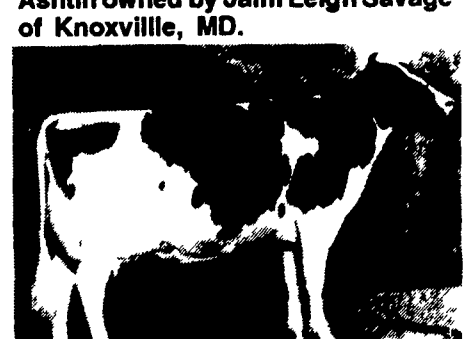
T.J. Remsburg's Brook-Lodge C Chips of Middletown, MD, was awarded Jr. All-MD Sr. 2-yr-old Cow.



Reserved All-MD Jr. 3-yr-old cow was awarded to Savage-Leigh Bellwood Linda owned by Chip Savage of Knoxville, MD.



Reserved All-MD Sr. 3-yr-old Cow was awarded to Coldsprings Mandel Eton-ET owned by Marlin Hoff of New Windsor, MD.



Friendly Acres Ljet Murphy owned by Gene & Kathy Iager of Fulton, MD, received All-MD 4-yr-old cow.

(Turn to Page 10)

See Us At The Badger Farms System Booth #185 and EZ Hutch Booth #426 at the Keystone Farm Show

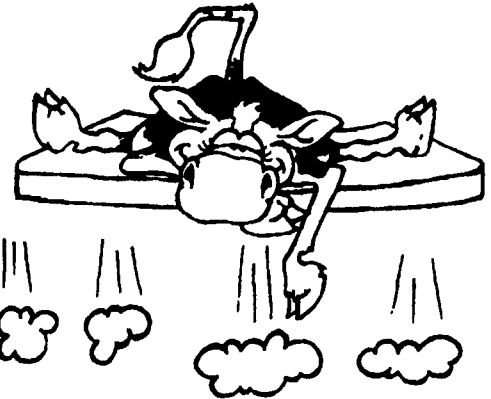


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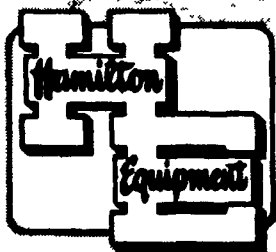


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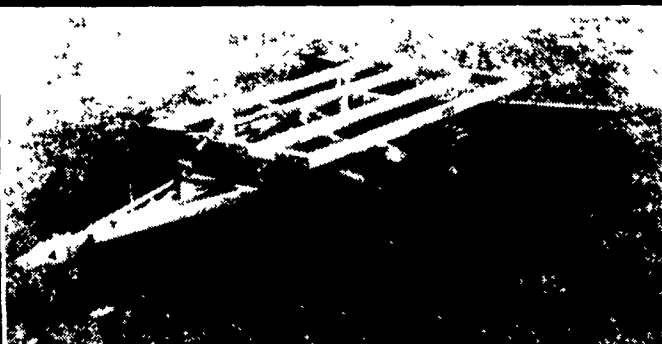
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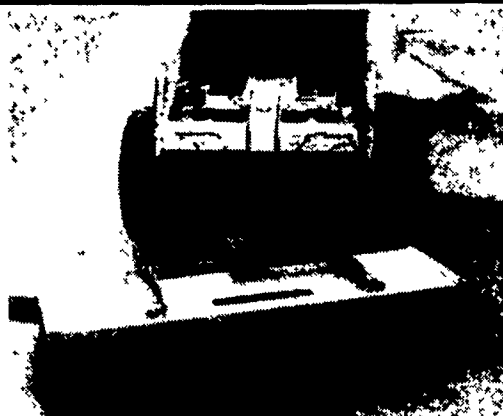
VISIT OUR EXHIBIT AT KEYSTONE FARM SHOW - OLD MAIN BUILDING



AMCO

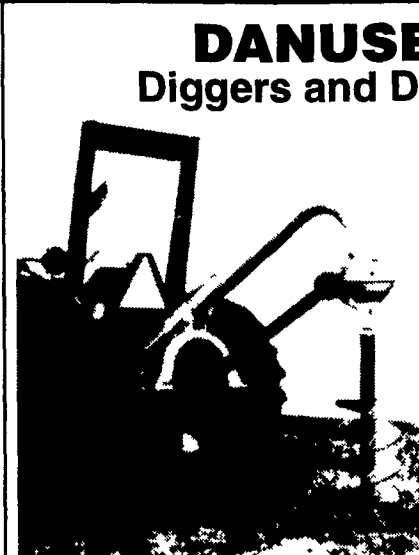
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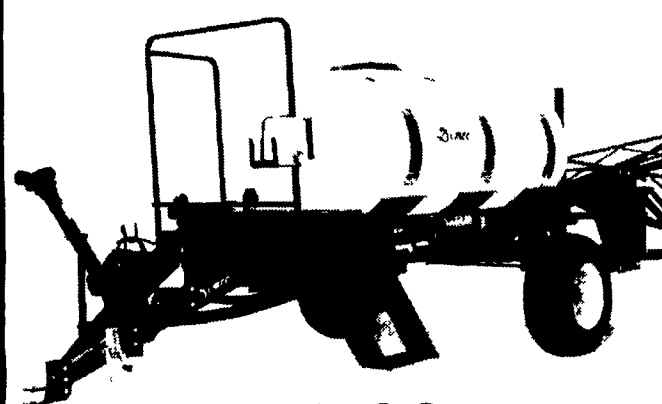


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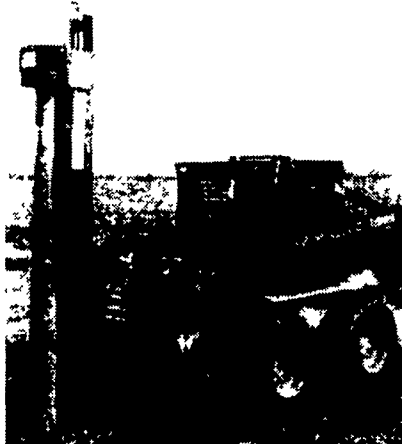
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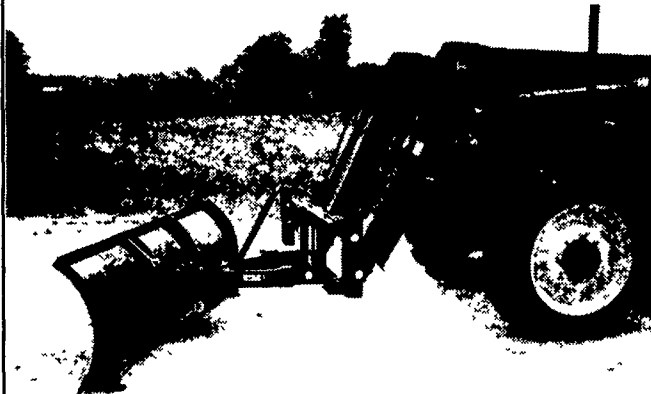
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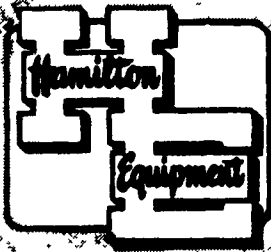
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Spring Tooth Harrows
Cart-Type Harrows



MECHANICAL TRANSPLANTERS

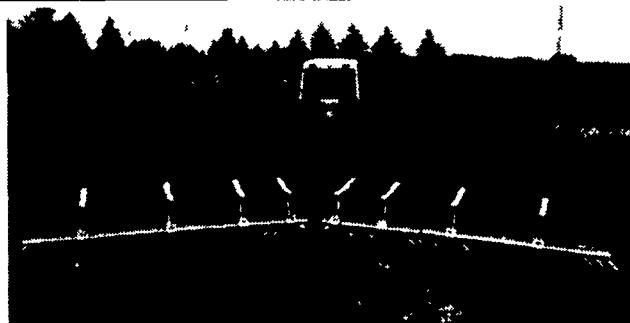
Float Wheel Direct Drive System
Uniform Planting - Accurate Spacing
Sets More Plants Per Hour
Heavy Welded Steel Frame



MEYER

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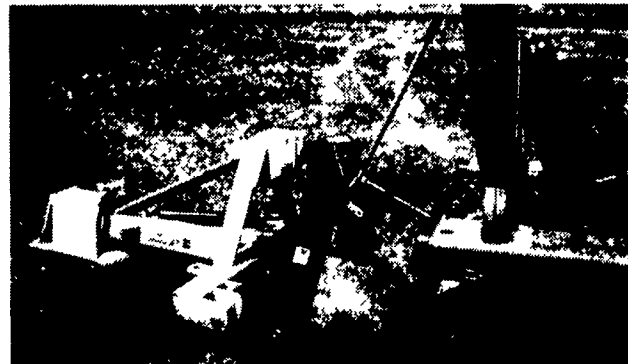
Quik Lift-Electro Touch Controls
EZ-Mount Connections
Powder Coat Finish
Two Year Warranty



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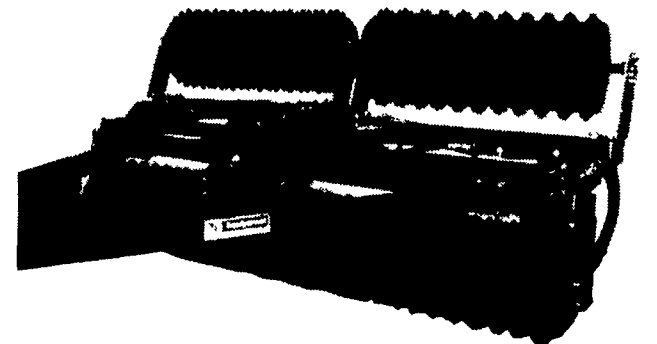
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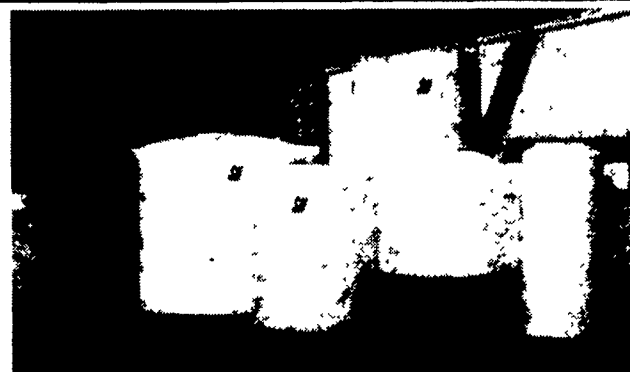
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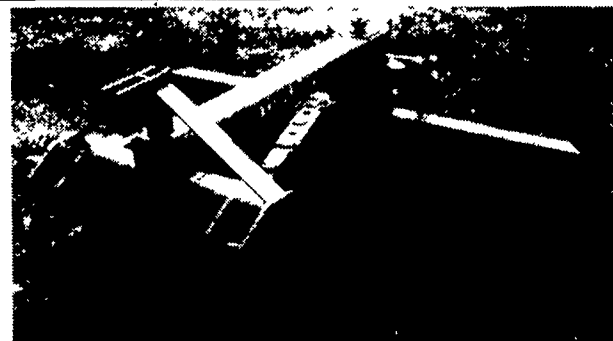
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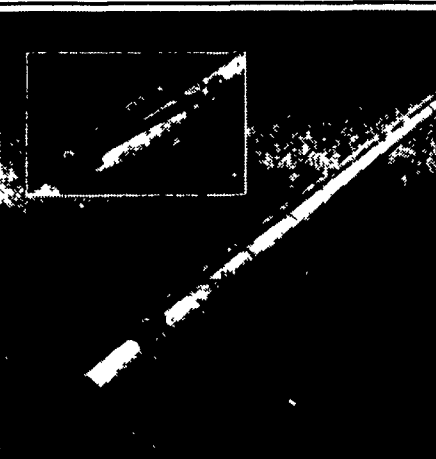
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All-Maryland Holstein Winners

(Continued from Page 7)



Reserved All-MD 4-yr-old cow was awarded to Savage-Leigh Lead Chrissy owned by Chip Savage of Knoxville, MD.



Marlin Hoff of New Windsor, MD, received All-MD 5-yr-cow with his Holtex Prelude Melmilky-ET.



Reserved All-MD 5-yr-old cow was awarded to MD-Dun-Loafin Tab Ecstasy owned by Dun-Loafin Farm in Burkittsville, MD.



The All-MD Aged Cow was awarded to Coldsprings Sky Brook-ET owned by Matthew Hoff of New Windsor, MD.



Reserved All-MD 4-yr-old cow also went to Hoffland JRJ Gemstar Pamton owned by Dun-Loafin Farm of Burkittsville, MD.



Mar-Del-View Charles Jelly owned by R. Thomas Smith, Jr. of Sudlersville, MD, received Jr. All-MD 4-yr-old cow.



Reserved Jr. All-MD 4-yr-old cow went to MD-Cedar-Knoll Encore Gem owned by Justin Watt of Middlesburg, MD.

Committee To Meet Jan. 20

WASHINGTON, D.C. — The USDA's Flue-Cured Tobacco Advisory Committee will meet Jan. 20 in Raleigh, N.C.

Kathleen A. Merrigan, administrator of USDA's Agricultural Marketing Service, said the committee will consider recommendations on the inspection certificate, discuss the bale experiment for the upcoming marketing season, and other related matters for the 2000 flue-cured tobacco marketing

season.

The 39-member committee, established by the secretary of agriculture, provides information essential to the orderly marketing of flue-cured tobacco.

The meeting is open to the public and will begin at 9 a.m. in the Flue-Cured Tobacco Cooperative Stabilization Corporation Building, Rm. 223, 1306 Annapolis Dr., Raleigh, N.C.

Those wishing to address the committee should contact the

Deputy Administrator, Tobacco Programs, Rm. 502 Annex Building, P.O. Box 96456, Washington, D.C. 20090-6456, (202) 205-0567.

Written comments may be submitted to the same address before or after the meeting, or may be left with the chairperson of the advisory committee at the meeting.

Details of the meeting will be published in the Dec. 23 Federal Register.



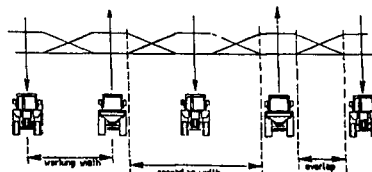
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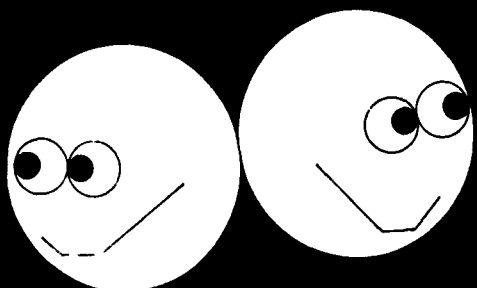


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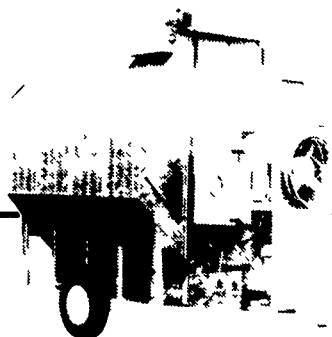
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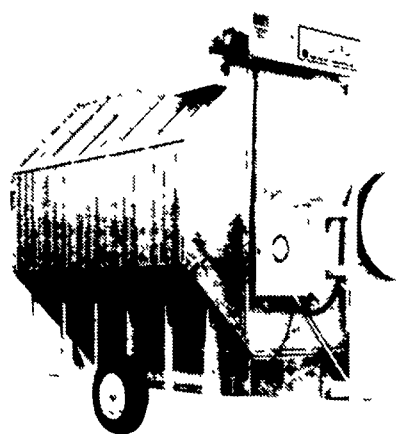


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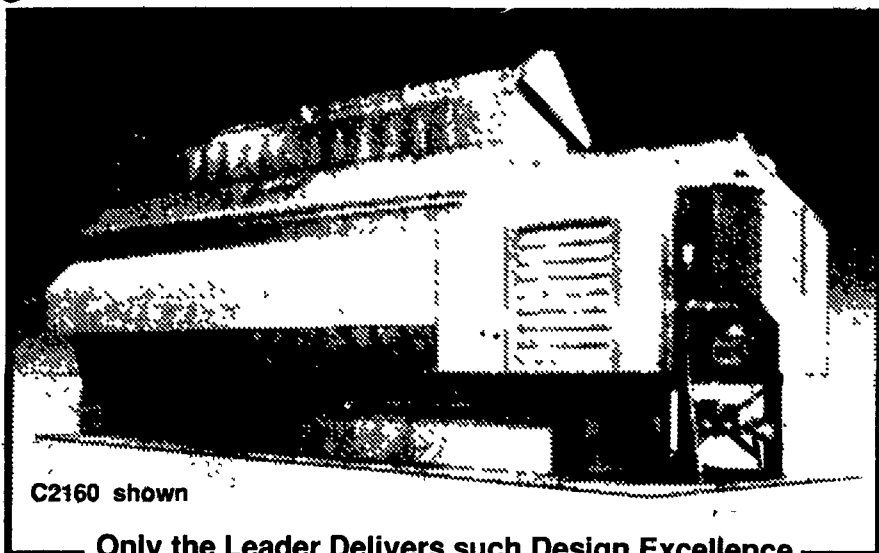
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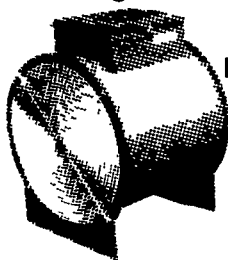
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Small Farmers Find Success In Marketing To Schools

WASHINGTON, D.C. — The USDA has issued four "Small Farmer Success Story" bulletins which outline the experiences of the New North Florida Cooperative.

The bulletins describe how a group of growers with limited resources in the northern Florida area formed a cooperative to market fresh produce to local school districts.

"An important part of USDA's small farm initiative is to encourage farmers to develop innovative marketing strategies for value-added products," said Kathleen A. Merrigan, administrator of USDA's Agricultural Marketing Service. "We hope that pilot projects like this cooperative serve as models for small farmers in other regions of the country."

The small farm operators organized to concentrate on local school districts as a market. To provide fresh, high-quality products, the cooperative developed a post-harvest handling system including a packing shed, refrigerated storage, a rinsing system, a chopping system, packaging procedures, and

transportation practices.

The cooperative worked with the Gadsden and Jackson County school districts to provide leafy green vegetables on a schedule that would meet the menu plans of the school food-service directors. They produced, processed, packaged, and delivered an average of 2,000 pounds of leafy greens every two weeks. They also produced strawberries and blackberries that were sold to the schools for desserts and as additions to the School Breakfast Program.

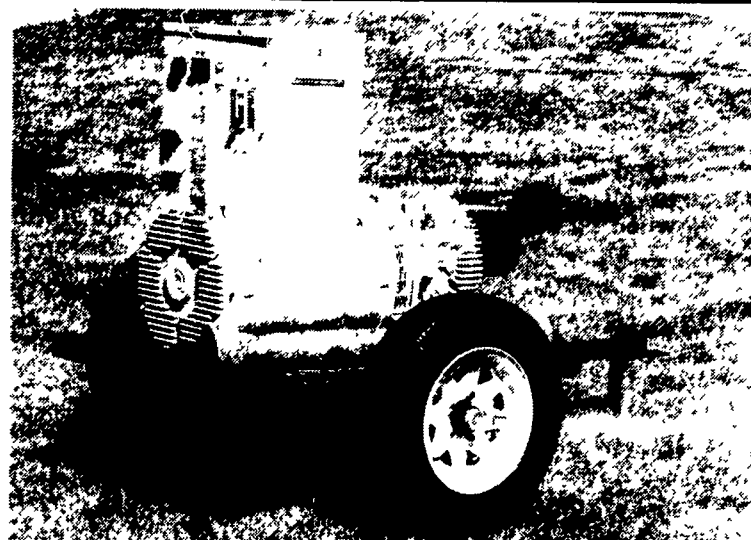
The project received support from AMS, USDA's Natural Resources Conservation Service, the West Florida Resource Conservation and Development Council, and the Small Farmer Outreach Training and Technical Assistance Project of Florida A&M University.

For more information or to obtain a copy of the bulletins, contact Dan Schofer, USDA, 1400 Independence Ave., SW, STOP 0266, Washington, DC 20250-0266, tel. (202) 690-1170, fax (202) 690-3616, or e-mail dan.schofer@usda.gov.



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IPM To Teach School Students Real-World Science

AMES, Iowa — America's dairy farmers will need to begin relying more on their own means and less on governmental policies to lift prices out of one of the worst slumps on record, a national milk marketing organization said recently.

Producers were hit with yet another devastating blow as the November Basic Formula Price (BFP) was announced at \$9.79, a slide of \$1.70 from last month.

Base prices paid to producers have fallen nearly \$6.50 in the last two months, and the November BFP was more than \$7 lower than the same time last year. This was the lowest BFP since August 1978.

"This nation's independent dairymen cannot possibly survive with these prices," emphasized Gene Paul, president of National

Farmers Organization (NFO). "Steps must be taken immediately to bring base prices back to profitable levels."

The organization strongly advocates dairy policy with a system of price supports and supply management incentives.

"Producers can petition their cooperatives to create marketing-agencies-in-common (MAIC) by partnering with other organizations," Paul said. "This type of arrangement would help producers develop their own supply management programs, with floor prices fair to both producers and consumers."

By agreeing on a reasonable floor price implemented through a MAIC, dairy farmers can avoid devastatingly low base prices. Additionally, the organization

suggests producers enroll more milk into national collective bargaining programs and donate surplus milk to charitable groups. By using collective bargaining, producers can increase competition for available supplies.

"Producers must stop relying solely on Washington for relief," Paul said. "While some form of fair dairy policy is surely needed,

producers can accomplish much of what is necessary more quickly."

Washington wrangled recently over changes to dairy pricing. Earlier this year, USDA unveiled a plan drastically revamping 60-year-old dairy policy; however, Congress overturned the plan in favor of a system closer to the one already in place. Washington has promised to take a fresh look at

dairy legislation when Congress reconvenes in January.

"Had Congress taken milk floor prices and supply management into consideration, much of this unprecedented market volatility wouldn't be harming producers," Paul pointed out. "When Congress reconvenes in January, we will begin the push to have these issues inserted into new dairy policy."

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NFO: New Dairy Legislation Is Not The Only Answer

UNIVERSITY PARK (Centre Co.) — The three Rs and the ABCs long have been staples of the public school curriculum. But soon, Pennsylvania students also will be learning their IPM, thanks to a regulation recently adopted by the state board of education.

The regulation mandates that integrated pest management, or IPM, be taught as part of the "ecology and the environment" curriculum. Proposed academic standards specifying what students should learn about IPM and related subjects are expected to be approved soon.

IPM aims to manage pests — such as insects, plant diseases, and weeds — by using knowledge of pest biology in combination with physical, biological, and chemical tactics that are safe, profitable, and environmentally compatible. Farmers, landscapers, foresters, homeowners, and others who use IPM often can reduce pesticide use.

The Pennsylvania IPM Program, a collaboration between Penn State's College of Agricultural Sciences and the Pennsylvania Department of Agriculture, worked with the state education department to develop the proposed IPM academic standards. With a grant from the federal Environmental Protection Agency, the Pennsylvania IPM Program now is developing IPM materials and hands-on activities for use in K-12 classrooms.

"IPM integrates scientific knowledge with real-world, problem-solving skills," said Lyn Garling, Penn State IPM education specialist. "Because IPM is an information-intensive, scientific approach, it is a good learning tool in subjects such as biology, chemistry, math and statistics."

"IPM can help students to develop critical-thinking skills and to become better-informed citizens who can contribute to society's decision-making process," Garling said. "Ultimately, we want to overcome science illiteracy and increase public involvement in environmental issues."

Garling said learning IPM principles also will give students a greater understanding of agriculture and food production issues, including the complex decisions and problems faced by farmers.

"Pest management must take into account such factors as when the pest will emerge, the pest's biology, and what tactics can be used successfully to control that pest," Garling said. "It's a very complicated and scientifically based enterprise, and many people don't appreciate that. They think farmers just spray pesticides all over the place and that's the end of that. But that's not often the case."

In addition, Garling said students will learn how IPM can be used in nonagricultural settings, such as homes, gardens and even school buildings. "Many school districts have adopted IPM to manage pests on school grounds," she said. "By working with teachers and school maintenance personnel to scout for pests and implement the IPM techniques that they've learned in the classroom, students will have opportunities for hands-on

learning."

Penn State and agriculture department IPM specialists have held workshops to educate teachers about IPM concepts and to illustrate

how IPM relates to various facets of ecology and the environment. "Teachers not familiar with IPM often come in confused, but leave enthused," Garling said of the workshops.

For more information on IPM, visit the Pa. IPM Program's Web site at <http://paipm.cas.psu.edu>.

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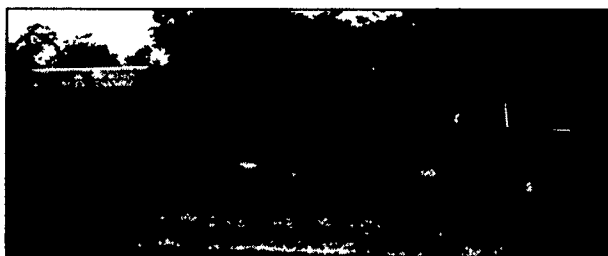


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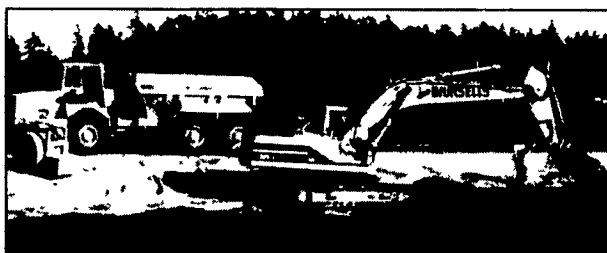
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Dickinson Presented Memorial Award

FT. WORTH, Texas — The International Texas Longhorn Association presented the "Happy Shahan Memorial Award, Breeder Of The Year 1999" to Darol Dickinson of Barnesville, Ohio.

The award established in memory of James T. "Happy" Shahan was presented as the top honor of ITLA during the annual convention. Because of the distinct honor of the award, it was not awarded in 1998 and

only is presented when certain distinguishing merits are achieved.

The unique award is a rustic framed Longhorn speckled hide with two lost wax bronze castings and an engraved metal plate. Dickinson receives the bronze award and a special engraved name plate is added to the large Happy Shahan Longhorn statue in the ITLA home office.

Dickinson was presented the

award at the termination of a two-year period as ITLA president. The ITLA is the main registry of Texas Longhorn cattle. The ITLA headquarters in Fort Worth, Texas and members are in every state and numerous foreign countries.

Dickinson has been a leader in genetically developing a beef type Texas Longhorn. Although sometimes criticized for major breed improvements from the traditional historic Longhorn,

the Dickinson genetics are recognized worldwide.

Dickinson is general manager of the Dickinson Cattle Co. Inc. of Barnesville, Ohio. Prior to the Ohio location, DCCI headquartered out of Calhan, Colo. DCCI

runs up to 1,400 head of Texas Longhorns and is a major exporter of frozen semen and live cattle outside of the USA. Numerous World and International Champion Longhorns have been bred and developed by Dickinson.

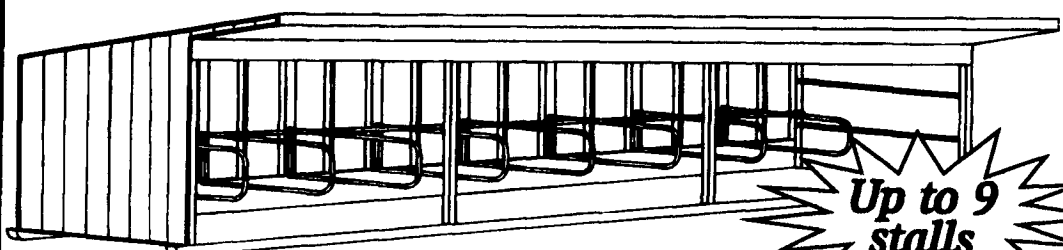
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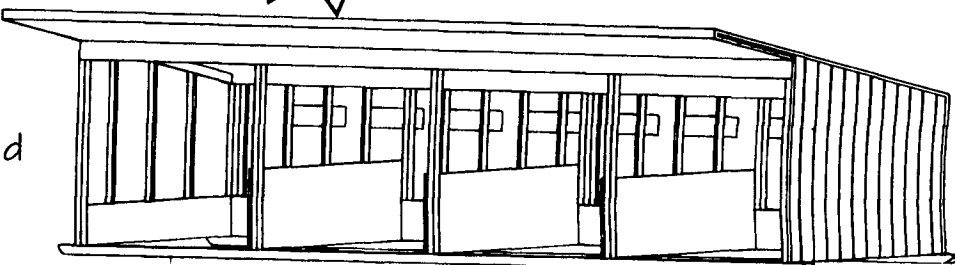


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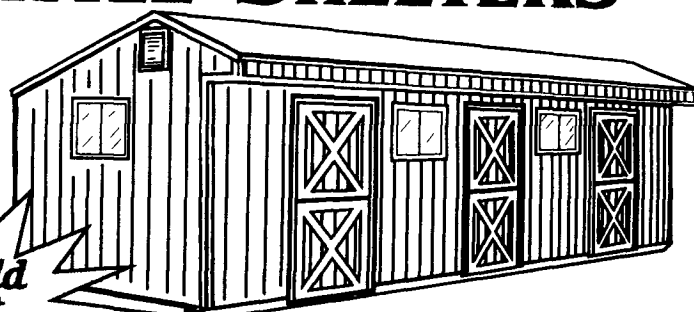
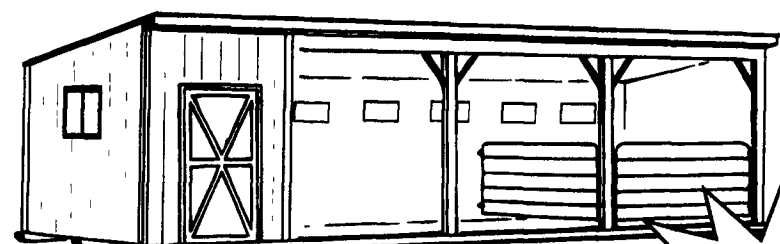
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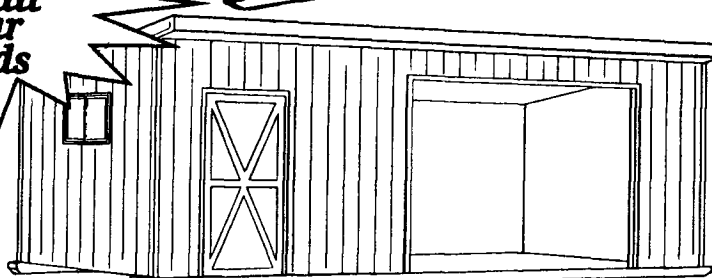
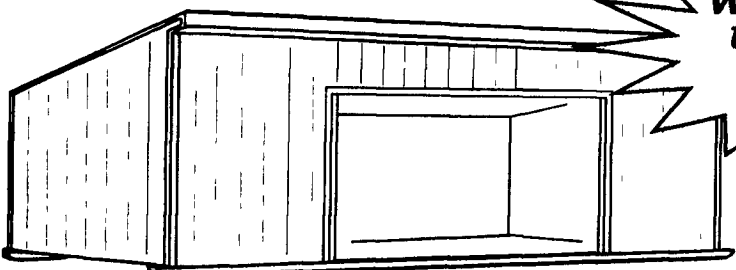
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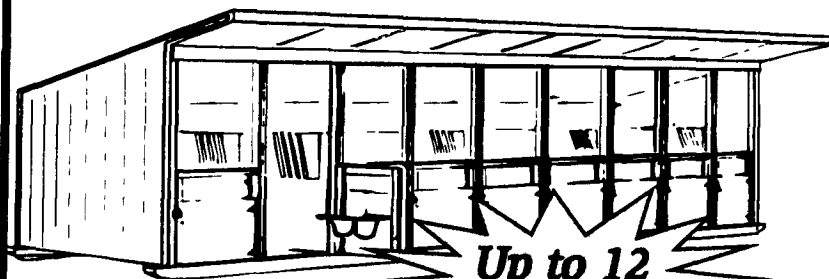
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The Changing Nature of Crop Marketing and Risk Management

We've all heard references to the evolutionary factors affecting agriculture. Undoubtedly, these factors will pose an increasing challenge to successful risk management at the individual farm level. Improved risk management is an opportunity but it is not a choice. However, improving risk management is just part of the solution. Everyone has heard that farming is a way of life. This statement has allowed many people - farmers, lenders, government, and others, to look at and treat agriculture differently from other businesses. We need to encourage everyone to realize that farming must be managed as a business, not it cannot be a way of life.

The message is to really zero in on all elements of the business, including accounting systems, capital structure, production management, and inventory control. Experience has shown that it will be very difficult to help better manage marketing and other risks, if management control around these other issues is not integrated and already in place.

Axioms and Objectives

Let's share a few axioms that are key to successful farm business and crop risk management:

1) A crop marketing program will not be successful in the long term if built solely upon emotional decision making, or speculative price forecasting.

2) A long-term successful marketing program must be based upon financially-informed, balanced, and objective decision making.

3) Objectives of a successful marketing strategy should seek to obtain marketing balance, where profitability, assurance, catastrophic loss insulation and upside opportunity are provided.

Moving toward accepting these concepts is the first, and, perhaps most difficult part of crop marketing. This is because they usually imply significant change, and sometimes move to doing something that is not comfortable. Competitive advantage is gained through education, information, analysis, and gradual introduction of concepts and tools involving the risk management issues, this

process involves an investment in time, and a commitment to improve.

Achieving Marketing Balance

This is not simple. Luckily, Uncle Sam tries to fill the void with acreage controls, deficiency payments, and disaster relief. Also, until recently, the tools were too complicated, or too expensive to provide practical access to profit protection, catastrophe avoidance, and upside opportunity.

To make a point about any real and practical ability to predict price, let's look at historical corn and bean charts.

What do these charts tell us?

1. No repeating pattern of timing of highs or lows.

2. No pattern of degree of highs or lows.

3. No new plateau.

4. Lots of volatility and uncertainty.

None of these characteristics are needed in objective business management.

You can extract only a few general insights from these charts, which speaks to the folly of building a marketing program based solely on price prediction and/or speculative decision making.

1. Try not to sell corn under \$2.40, or beans under \$5.50.

2. Get costs of production under \$2.40 and \$5.50, respectively.

3. Get objective about pricing decisions.

4. Use some means to assure, and insure revenue, as the market

will not provide any guarantees.

5. Usually the market provides an opportunity to lock in profitable values at some time during the marketing cycle.

Unfortunately, there are many out there who wish to convince the farmer that speculative price prediction is marketing. This has led many farmers into the bait and switch cycle of marketing management.

Traditionally, if you chose to price in an attempt to lock in profit, you had very limited flexibility and no opportunity for gain in a rising market. Worse, if you priced, and had production problems, suffering was likely doubled, potentially leading to catastrophic loss. This led to the two primal fears of crop marketing - fear of lack of production and fear of higher prices.

Marketing Strategies

Luckily, just as much of the direct help from the government is going away, marketing tools and strategies are evolving to where the producer has a chance at marketing balance. Tools exist today that offer a reasonable means to lock in profit, insulation from catastrophic loss, and an upside opportunity.

Here are two techniques that producers might use to better manage certain risks, but when combined, can come very close to achieving our objective of balanced marketing:

1. The simple minimum price cash (MPC) grain contract. In its simplest form, in exchange for the delivery of bushels, the buyer guarantees to pay

the farmer a minimum cash price, with upside price opportunity related to the movement of the underlying commodity futures price. If the underlying futures price subsequently rallies, the producer has the right to reprice at the higher level.

2. An additional benefit that is real, but less tangible, is the time provided by this strategy. This time gives the producer the opportunity to maintain price flexibility while crop and market conditions become more clear. Perhaps this will allow for earlier pricing decisions at more favorable values.

One other very important thing the MPC strategy provides is marketing courage. This will help overcome the reluctance to sell, avoid missed opportunity, and overcome the primal marketing fears. You may not find many producers who will confirm this, but a study of price history and actual producer sales confirms that more dollars have been lost by not pricing when favorable values were offered, than by pricing, followed by crop losses or a further price rally (e.g., realization of the primal fears).

The problem with the MPC strategy is that it functions only as a price insurance concept. It does not insure against a production risk, or thus, farm revenue. Limited production at a great price still equals limited revenue. Therefore, from an overall business perspective, we still

(Turn to Page 16)

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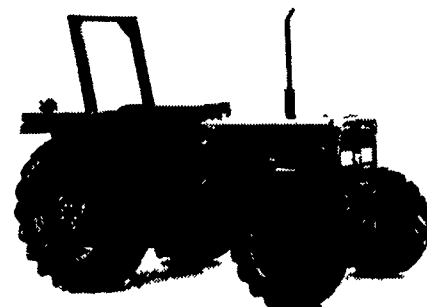


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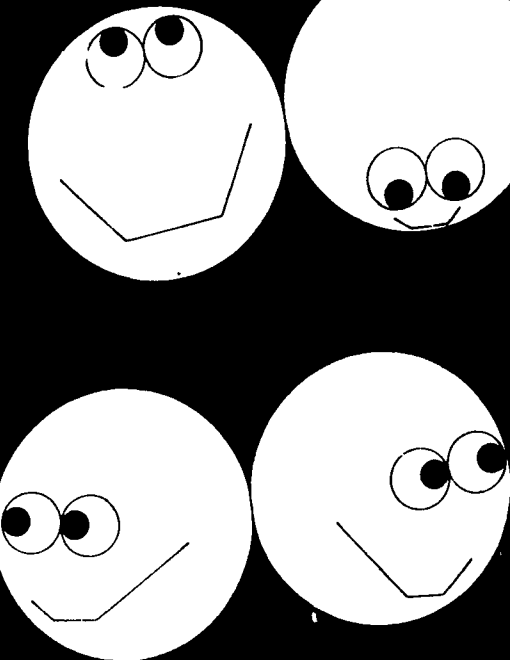
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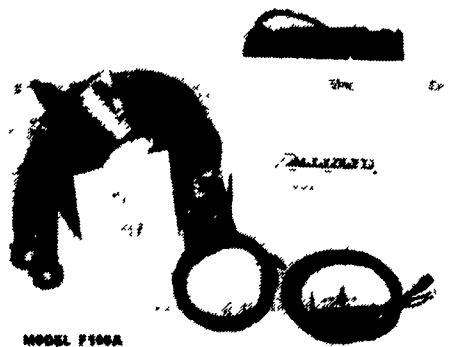
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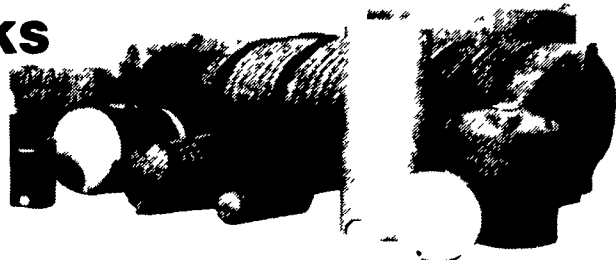
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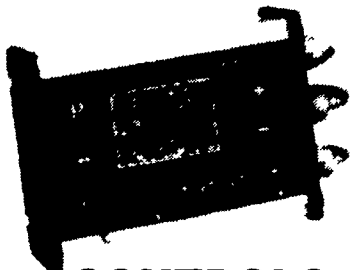


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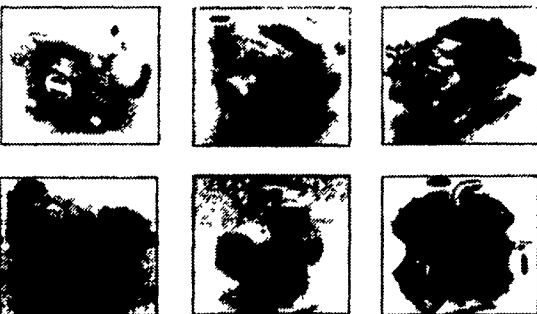
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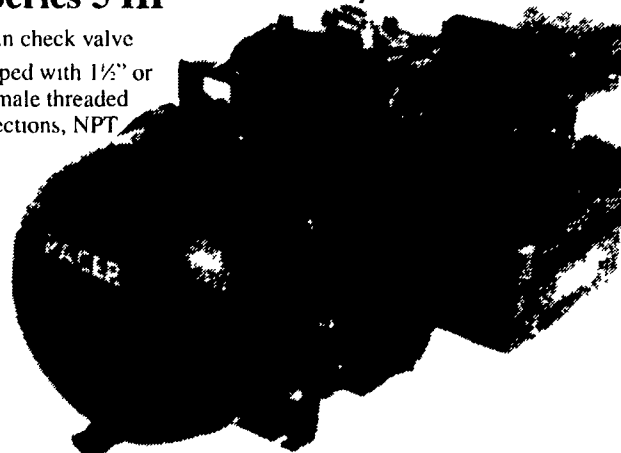
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Farm Management



(Continued from Page 14)

haven't reached our objective of marketing balance.

2. Crop Revenue Coverage (CRC) insurance. This product, and its cousin, income protection, have evolved greatly from the old MPC. They potentially take us another step closer to where we ultimately want to be. They're cost effective because the government greatly underwrites the cost. The problem with a stand alone insurance approach is that it still misses the target of marketing balance.

For example, with CRC, coverage is limited to 75% of the price/yield calculation. That's like insurance on your home with a high deductible and no replacement cost coverage it's definitely not painless if you have a claim.

Given that CRC utilizes a spring or fall value, this insurance product does provide insulation from catastrophic loss, but does not truly protect profits. Adding to the potential coverage gap from this strategy is the fact that the price components are established during the portion of the growing season that is typically less volatile.

About half the time, prices rally significantly, only to fall to a price between the two pricing windows. Thus, our objective of upside opportunity is essentially unavailable unless the insurance product is used in conjunction with a marketing decision.

For a more balanced and integrated approach toward managing revenue and marketing risk, and to take yet another step closer to our balanced objective, the producer could utilize a crop insurance product in conjunction with a minimum price cash grain contract strategy.

Absorbing this combined concept is a little more difficult to understand. It begins to integrate the management of production risk with the management of price risk, but doesn't necessarily take a problem to contribute benefits, because the payout comes from the market. This moves us closer to a true loss indemnification function that also provides real profit assurance, catastrophic loss insulation, and upside revenue opportunity.

Summary

If we find any slow time this winter, let's think about.

- * Farming as a business
- * Evaluating the various risks as an integrated package and
- * Managing the risks for more dependable profitability and long term farm success.

I'll close with this quotation that sums up my attitude toward this process.

".. If a man look sharply and attentively, he shall see Fortune, for though she is blind, she is not invisible." Francis Bacon

Max Armstrong, one of America's best-known farm broadcasters, is the voice of the farmer to millions of people throughout the United States. For over 20 years, he's reported and

who call into his radio show on cell phones from the cabs of their tractors.

He's a vocal advocate of agriculture, explaining issues as wide-ranging as the benefits of genetically modified crops to the importance of farmland preservation, to a general public who doesn't fully understand the business of farming.

Armstrong will be appearing locally on November 23 at the Lancaster Host Resort when he makes the keynote speech at the 23rd Annual Agriculture-Industry Banquet of the Lancaster Chamber of Commerce & Industry.

commented on the issues and news that impact the industry of agriculture in broadcasts from all 50 states, and from more than 30 countries. He's interviewed presidents, and talked to farmers

As a widely-followed ag journalist, being the voice of the farmer is a role Armstrong takes seriously.

"It puts a responsibility on you, to fairly represent the industry, to represent the producers who rely on us for information every day," he says. "Farmers appreciate our reports because in many instances, there is nobody speaking for them, so they're glad to see somebody at the microphone to defend their industry."

Armstrong's daily broadcast reaches a huge audience on Chicago talk radio station WGN and on over 400 local radio stations. He also hosts a weekly television program, "U.S. Farm

Report." Farmers aren't the only ones who listen to his program. Armstrong says that the majority of his audience is the non-farming public.

"Many people want a connection with agriculture," says Armstrong. "Basically people like farmers a lot. They admire the lifestyle. They tend to be very sympathetic when they understand what a farmer goes through. We always try to remind our audience that every country in the world supports its agriculture industry, and there is a very good reason to do so."

Armstrong doesn't hesitate to let his listeners know how important he feels the agriculture (Turn to Page 18)

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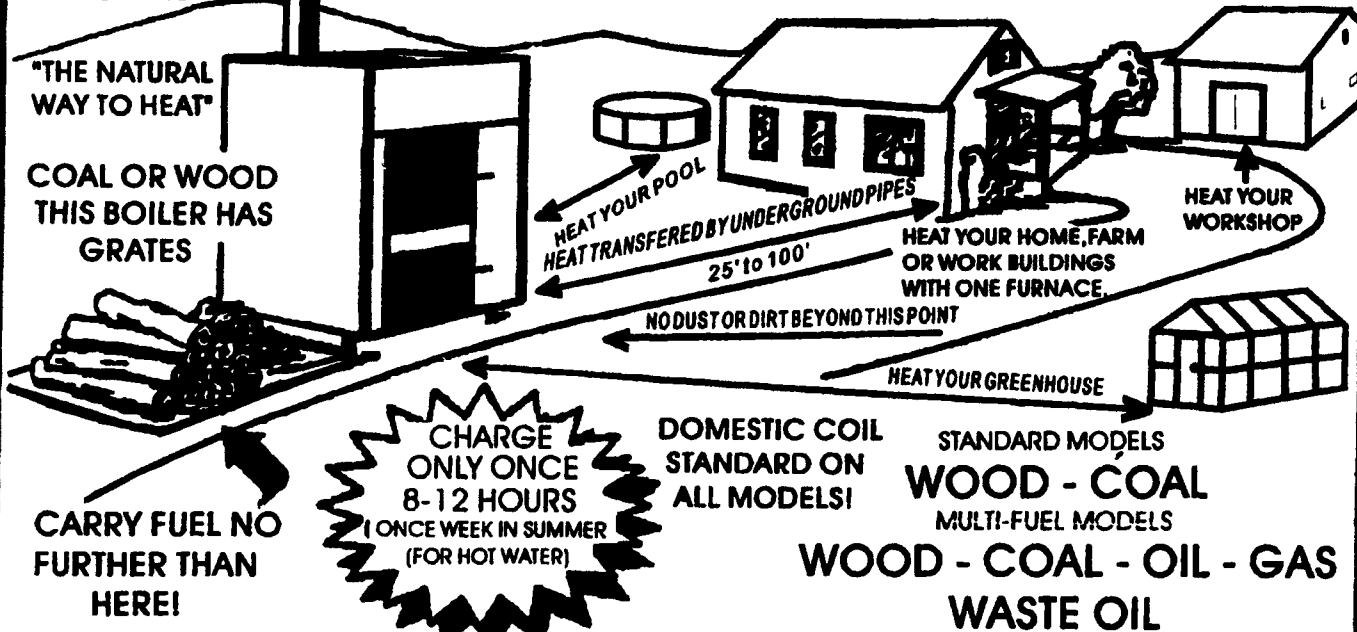
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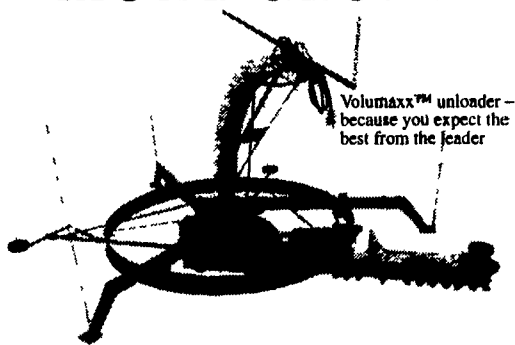
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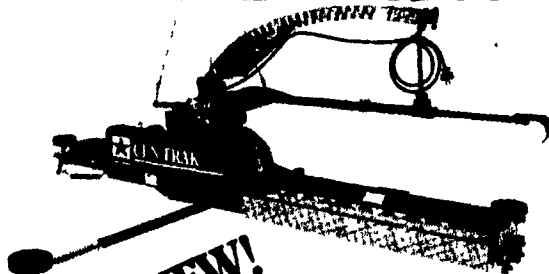
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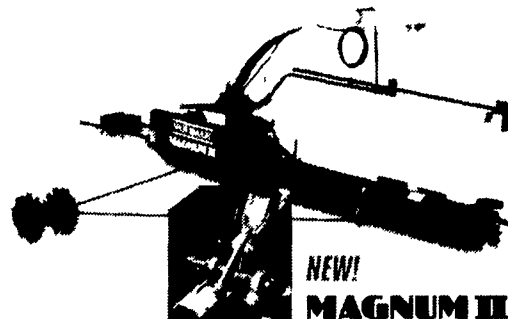
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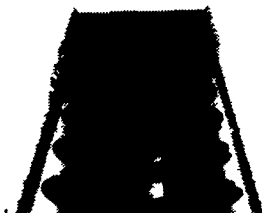
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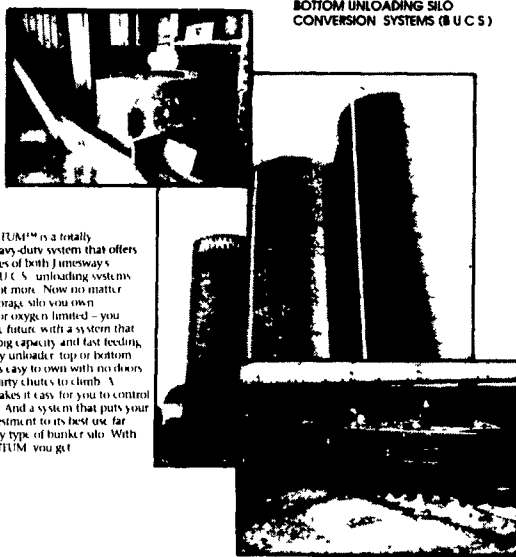
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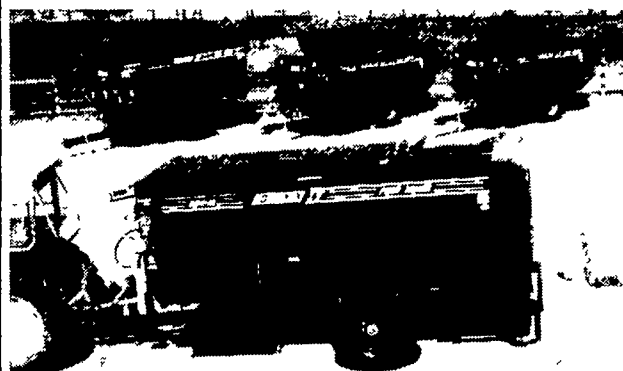
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Farm Management



(Continued from Page 16)

industry is to the country's well-being, nor does he hide his enormous respect for farmers. His role is to explain the business of agriculture to the non-farm public and to be an advocate for the industry.

He often points out to his listeners that much of what affects farmers is out of their control, citing as examples the drought this year in the Northeast and soft national economies and bumper crops around the world which have reduced U.S. farm exports.

In addition to reporting the news of agriculture, Armstrong sometimes feels called upon to defend farmers and the industry.

"We address misinformation by authors promoting their new book who go on radio talk shows spreading misconceptions about agriculture in terms of food, health, diet and the like," he says.

He also speaks out when he feels there is an bill in Congress which impacts agriculture and deserves to be passed, such as the estate tax bill which will help

insure the survival of the family farm.

"We can't dismantle this industry that is so key, so strategic, so crucial to our country," says Armstrong. "We must have food. Nor can we hamstring the industry with regulation that unduly hampers productivity and export sanctions that lock up markets from us."

While his remarks at the Agriculture-Industry Banquet will most certainly include the current affairs and state of agriculture, Armstrong will also share some light-hearted stories from his extensive travels, and talk about "some other matters that really matter."

According to Armstrong, maintaining the proper perspective is all-important.

"When times are tough, as they are now, farmers can lose their perspective. For example, just because one area may be going through a dry spell doesn't mean that the whole country is in the same condition. A farmer looking out the window at his field needs to keep in mind that his one field,

although very important, is not representative of the nation's crop, or the demand for that crop on a given day. Whether it's your marketing perspective or other decisions you might be making in your operation, a narrow outlook can cloud your judgement. It can adversely influence business decisions and even spill over and negatively affect personal relationships within your family."

The Agriculture-Industry Banquet, being held at the Lancaster Host Resort, is focused on this year's achievements in agriculture within Lancaster County and surrounding areas.

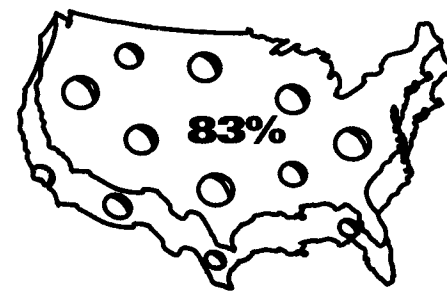
The 1999 George C. Delp award honoring an individual who has made outstanding contributions to agriculture will be presented during the banquet. Families receiving the Century Farm Award from the Pennsylvania

Department of Agriculture will also be recognized.

Tickets for the banquet are available by calling the Lancaster Chamber of Commerce and Industry at (717) 397-3531. All

proceeds from the evening go towards agricultural education and other related programs supported by the Lancaster Chamber's Agriculture Committee.

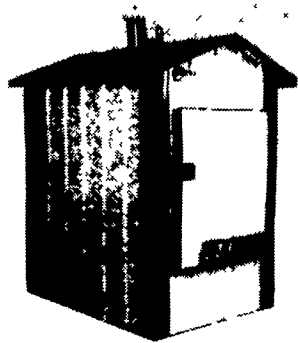
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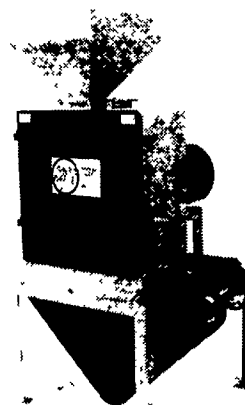
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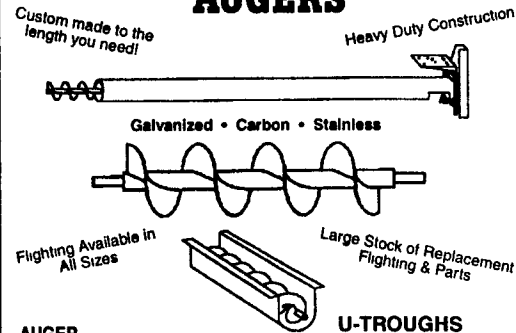


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Peaches, Pears, And Plums, Oh My!

Andrew Barnard
Warren County, N.J.
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These are just a few of the fruit crops grown at Mountain Top Orchard in Changewater, N.J. Dan Adickes, manager of Mountain Top Orchard, has been farming for more than 41 years, 23 of them managing the Mountain Top Orchard, being the truck driver to the market, and fruit picker all at one.

As Dan and I walked through the center of his 61-acre orchard, he explained to me what he had growing on his parents' land. "I have peaches, pears, 10 varieties of apples, blackberries, nectarines, apricots, cherries, plums, and quince. During the apple harvest season a couple of friends will come and help. Since picking is around deer hunting season, the

deal is that they can hunt in the early morning and then help me pick apples in the afternoon. It works out well," Dan said.

Dan has been farming since he was 13 years old. After he was graduated from North Hunterdon High School, he went on to Rutgers University. There he received a master's degree in agricultural education and pursued a doctorate in vocational education. But, "in '72 I dropped out of my doctorate dissertation because I couldn't stand being in an office any more. I missed being outside, working the land, and watching things grow. After mom and dad retired in 1976, I got control of the farm and I wanted to be there all the time. It's been a good relationship because they let me do whatever I need to do to make the land and

business prosper."

After coming back from the orchard we sat down in the packing house and discussed the effort he's putting forth to improve the farm's resource conservation practices and the pressure from the outside community and government. "The first thing that enters my mind concerning natural resource conservation and living in a watershed, is water management. Years ago when my father ran the farm, the orchard would be cultivated almost every week for weed control. Now when I plant, I place sod in between and around the new trees. These grass strips serve as buffer strips to reducing soil erosion, filtering water to prevent nutrient loss, and weed control to some degree," said Dan. "I also use the integrated pest management (IPM) program sponsored by Rutgers University. I had enrolled in this program when it first came out to help manage my insect, disease, and fertilizer spray schedules. Several years down the road we had to drop out due to lack of scouts and for a while I did the scouting myself, but it got to the point that I couldn't keep up, so I re-enrolled with the Rutgers IPM program and I'm still using it today."

Practices such as IPM offered by Rutgers involves a representative ("scout") from the university helping Dan determine insecticide spray schedules by weekly field scoutings and trap analyses. He went on to say that watershed planning never hurts as long as the regulations don't kill you.

"There's always room for improvement, but I think the best

thing to do when making rules and regulations is to take a sensible approach. A lot of things don't require a degree in rocket science, just a little common sense."

We further discussed his thoughts on how he feels about the public and its view on farmers and their practices. "Unfortunately, I don't think homeowners and farmers will ever be able to live in total harmony. It seems to me that the public likes to see farms but with no activity on them. I don't think they even know (public) what we have to go through on a daily basis. This isn't a nine-to-five job and the decisions I have to make aren't always black and white," said Dan. "On top of that, they want to have total access to your land to be able to hike, bird

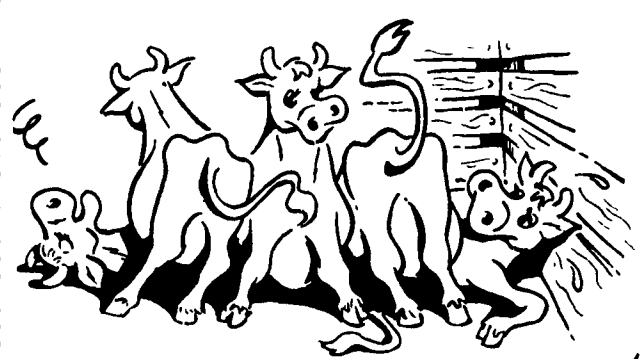
watch, hunt, etc. That land is mine, and I would like to think that I'm able to do with it whatever I choose."

I asked Dan what inspires him to keep farming. "I love being outside and watching things grow. That's why I dropped out of the doctorate program at Rutgers. By the time I retire, I hope to have found someone to take over the business since I don't have any children."

As for the future of the farm, "I hope to still be farming in the next 10 to 20 years, but it's getting tougher with what seems to be more regulations coming every day," he said. "Everyone wants perfection as long as it doesn't affect them."



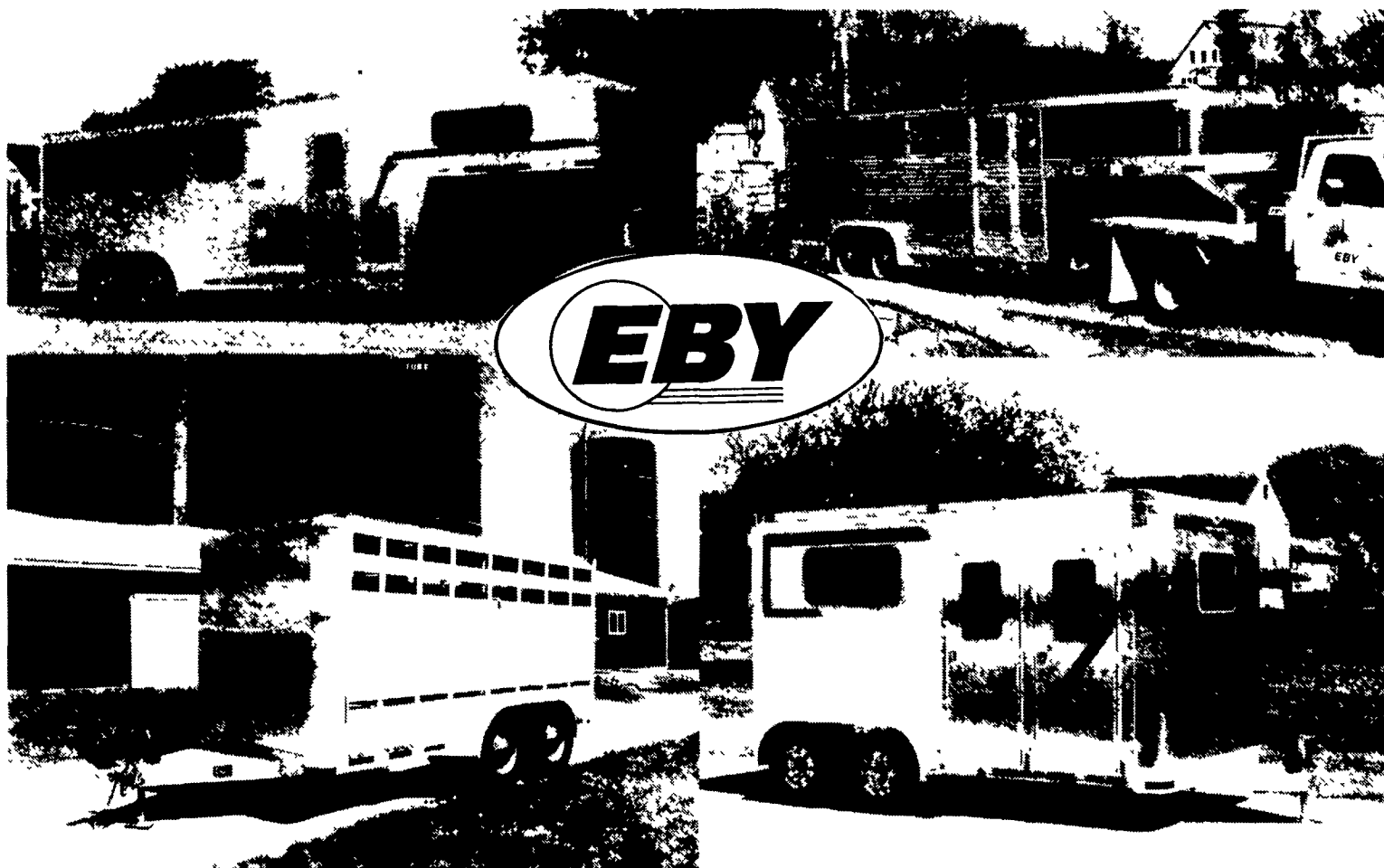
Dan Adickes with his dog Bear. Dan is inspecting leaves for mites on a 50-year-old apple tree.



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Mifflin Co. Correspondent

BELLEVILLE (Mifflin Co.) — "Everything I was asked to do I thought was too much for me, and I surprised myself and took on the challenge."

That describes how J. Elrose Glick of Belleville, Mifflin County, felt over 25 years ago when asked to serve on the Mifflin County Cooperative Extension board and then the state board. Since then, Glick has served on the board of the Pennsylvania Beef Council for six years, the National Cattlemen's Beef Board for five years, the Mid State RC&D board for five years, and the Pennsylvania Farm Bureau board for eight years. And, according to Glick, it all began with a leadership training program offered through Extension.

Just recently, Glick received the prestigious Friend of Extension award at the Mifflin County Cooperative Extension annual meeting held December 6 at the Penns Valley Christian Retreat near McVeytown. Extension's professional fraternity, Epsilon Sigma Phi, selects only one individual each year for the Friend of Extension award.

How does he feel now?

"I find great joy and fulfillment in sharing in programs that benefit others," Glick said proudly. He then read the plaque. "It says, 'We hereby name J. Elrose Glick a state Friend of Extension in recognition of outstanding public service and support of the Penn

Sate University, Cooperative Extension Service, and it's educational programs.' It's been signed by the president of the National Council and chapter president and was presented by Diane Brown, Assistant Director of Cooperative Extension at Penn State."

Dave Filson, Mifflin County's Cooperative Extension and Outreach Director, nominated Glick for the award.

Because Elrose volunteered, many others benefited. Over 25 years of service is significant, and we wanted to show Elrose our appreciation. He deserved this recognition," Filson commented.

Glick received another award that evening from Penn State's College of Animal Science, the Pennsylvania Council of Cooperative Extension, and the Mifflin County Extension Service for more than 25 years of exceptional volunteer service on the local board.

Glick a dairy farmer near Allensville, became involved with Extension in 1972 when Norm Glick asked him to serve on a committee. The board then offered a leadership training course through the Kellogg program. Within a year, Elrose Glick was appointed by the local Extension board to serve on the state board.

"I had the privilege of seeing

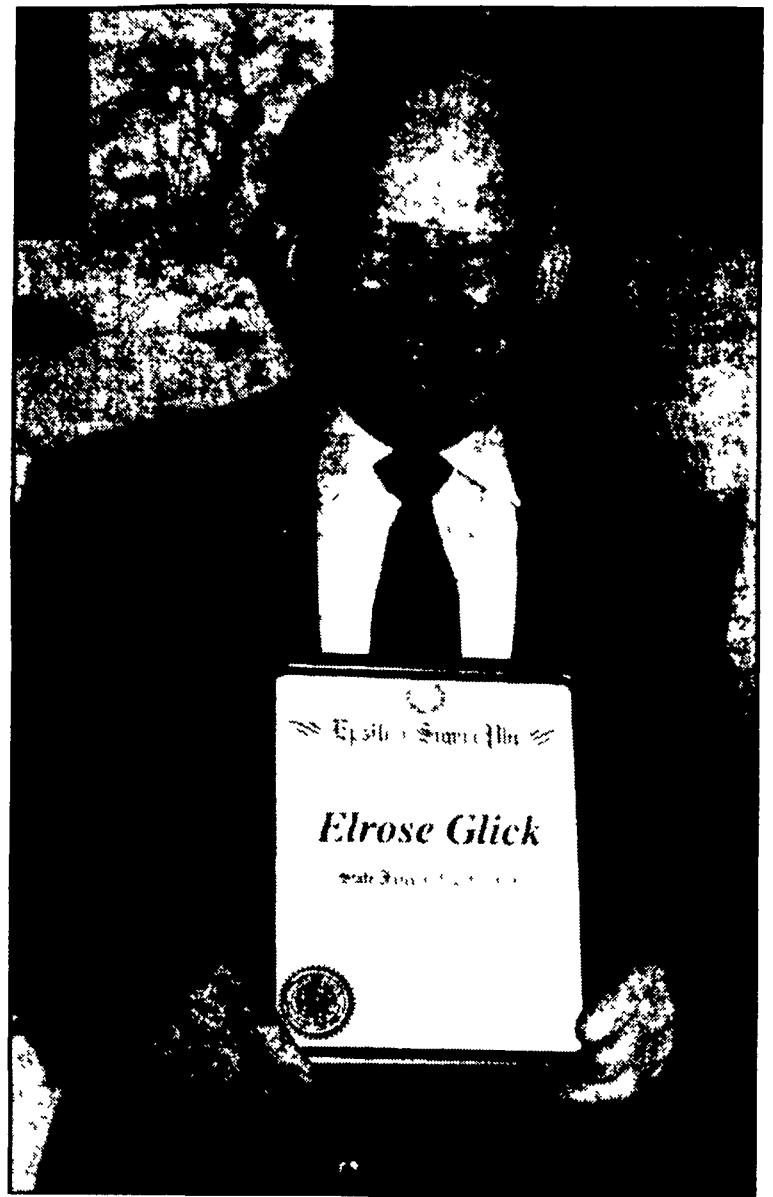
it born, nurtured, develop, and grow. Then they asked me to head the state annual meeting committee. I didn't think I could do it. It was the first time they had an annual meeting."

Glick surprised himself again four years later when he was asked to go to Washington for a Northwest conference to visit legislators for national funding for Cooperative Extension.

On the state board, Glick had the privilege of meeting with state legislators, carrying Pennsylvania Council of Cooperative Extension messages to the president of Penn State, and helping to initiate the tradition of inviting local commissioners to Ag Progress Days. Glick said that hundreds of thousands have benefited from the decisions made by the state Extension board.

When receiving these awards, Glick invited his wife, Pauline, up for the presentation. He said she has always been eager to see her husband excel and succeed and is always ready to support any organization he becomes involved with. He said that behind every successful man stands a more successful companion.

Glick said that Extension is poised for success into the new millennium and that this is one of the greatest times in history to be part of Extension.



J. Elrose Glick of Belleville poses with his Friend of Extension plaque. He received it for over 25 years of dedication to the Cooperative Extension Service.

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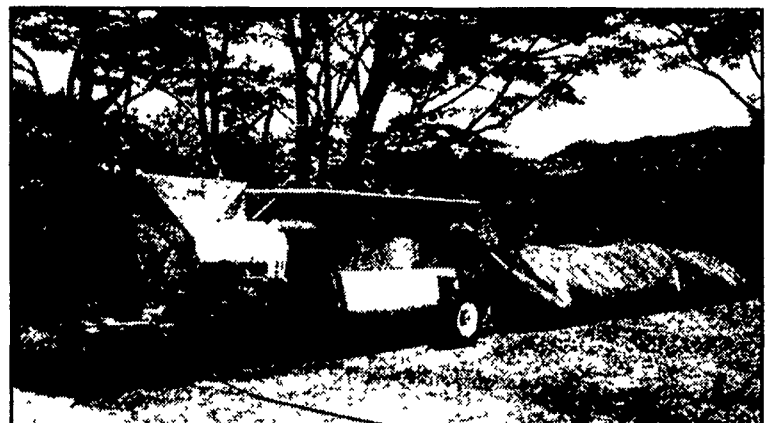


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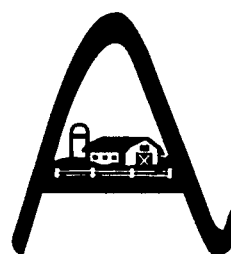
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Cattle, Hog Prices Improve

COLUMBUS, Ohio — Cattle and hog prices are higher now than last year at this time, even though more beef and pork are on the market, said Brian Roe, Ohio State University Extension livestock economics specialist.

The beef sector continues to produce a record amount of meat — 3.1 million cattle yielded 2.26 billion pounds of beef in October alone, a 1 percent increase from last year, Roe said. Pork production is also surpassing last year's record amount by 2 percent so far in 1999.

But, beef prices are \$5 to \$7 higher than 1998 fourth quarter — October, November and December — prices, having increased from \$61 per hundred pounds to \$66 to \$68 per hundred pounds, or about 14 percent. Pork prices have risen \$10 to \$12 or about 35 percent, from \$20 per hundred pounds last year at this time to \$30 to \$32 currently.

The improved prices are good news for the livestock sector, which has suffered through an extended period of low prices. Hog prices, in particular, have been below a break-even level for many producers for most of the past two years. So far, the increased prices have translated into only slightly higher food prices for consumers, he said.

There are several reasons for the improvement.

"There's been a general strengthening of consumer demand for red meat, particularly for beef," Roe said. "This is one of the first years since the mid-1970s that consumers have actually wanted more beef, not just because of improved incomes, but because of a stronger taste for the product."

A strong economy, rising disposable income, past promotional efforts, a high-protein diet fad, and the retail and food service sectors stocking up for their end-of-the-year needs all have helped improve demand for beef and pork products.

"When consumer incomes are strong, people are more willing and able to buy more expensive cuts of meat," he said.

The strong demand for beef has drawn down cold storage stocks of beef in the United States. End of September stocks were 10 percent lower than last year. With less beef in storage, new beef brought to the market is demanding a higher price, Roe said. At the same time, storage of bone-in boxed beef cuts — those that might end up on restaurant plates — is actually 5 percent to 10 percent higher, indicating restaurant managers might be storing up for the end of the year.

Beef cow owners producing next year's calves that will become steaks in the next few years are in a strong position now, he said.

"The number of females in the U.S. beef herd has decreased dramatically in the past few years, particularly young females being held to replace breeding cows," Roe said. "With fewer females left, those with cows will be rewarded."

With the number of breeding animals down and market weights leveling off, prices should remain fairly strong. Market projections suggest prices in the mid to high \$60 per hundred pound range for most of 2000, with a peak most likely at or above \$70 in the late spring — compared to production costs in the low \$60 per hundred pound range. And, with prices as low as they probably ever will be, cattle producers should have good profit opportunities for the next year or two, he said.

Iowa State numbers suggest an average return of about \$40 per head on 750-pound feeder calves so far this year, while an average return on 550-pound calves is about \$30 per animal.

A large reason why pork prices were so low last December was a lack of processing capacity, particularly with several labor strikes in Canada. This year, no strikes

have occurred, and Canada opened up a large processing facility in the western provinces, helping prevent bottlenecks at processing facilities, Roe said.

"This year from Labor Day until the beginning of November there were more hogs slaughtered than last year during five of eight weeks. This would seem bad for processors and prices," he said. "But in four of those five weeks more work got done during the week and less overtime was required on Saturday than in the previous year — a clear indicator that capacity is not a severe issue."

Pork supplies also are finally projected to drop in 2000, with supplies down an expected 2 percent from January to March and then down 3 percent to 4 percent the rest of the year. Total pork production is expected to be 18.7 billion pounds, down about 3 percent from 1999.

With supplies declining, prices are expected to rise further, from the low to mid \$30s this winter up to the low \$40 per hundred pound range in spring and summer 2000, Roe said. Prices are expected to average near \$40 per hundred pounds for the year. With production costs in the \$34 to \$38 range,

most producers could profit an average of \$2 to \$6 per hundred pounds for the year, after losses of \$4 per hundred pounds in 1999 and \$7 in 1998.

"Pork producers should begin seeing break even or better prices starting in late winter," he said. "This would allow some recovery of past losses. It won't be a huge margin, but at least it's a positive margin."

From a consumer standpoint, restaurant managers have definitely noticed an increase in wholesale meat prices, particularly beef. Wholesale prices of many prime beef cuts are 10 percent to 20 percent

higher than last year. This might lead restaurant managers and other food service people to increase menu prices or shift away from beef to other protein sources, Roe said.

"Consumers may notice fewer beef offerings on a menu or smaller portions," he said. "How quickly that might occur remains to be seen."

At the consumer level in September, the average for all beef prices was 5 percent to 6 percent higher than last year. Pork retail prices were 1 percent to 2 percent higher than last September.



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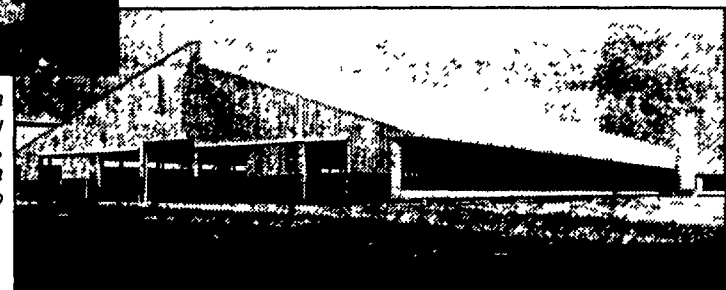
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Growing Potatoes In The Home Garden

Edward D. Pruss
Wayne County
Cooperative Extension

Most home gardeners like to include potatoes in their gardening plan. Potatoes are not the easiest vegetable to grow in the home garden, but, your chances of success will be greatly increased by following some time-tested guidelines.

Potatoes yield the highest and produce the best quality tubers in soils that are moderate in texture and have good drainage.

A soil test of the garden plot is highly encouraged, but, if one is not taken, potatoes will grow nicely by using a fertilizer with a 1-1-1 ratio of nitrogen to phosphorus to potash. A fertilizer such as 10-10-10 or 15-15-15 will work as added plant nutrients. Soil test kits are available from your local co-

operative extension office for \$6 per kit.

Apply fertilizer at a rate of 2.5 to 3 pounds per 100 square feet or 33 feet of row. Seed potatoes should not be in direct contact with the fertilizer applied in the row. Adequate mixing of the fertilizer in the row will prevent "burning" of the potato seed pieces. Some garden plots may also require that the addition of some limestone to supply needed amounts of calcium and magnesium.

The use of livestock manure, as a plant nutrient, in the home garden potato plot, is discouraged. There is some research that speculates that applications of manure may be a factor that can cause scab on potatoes.

Home gardeners should purchase only certified seed potatoes.

Seed pieces should be warmed to 60 degrees Fahrenheit. This will help to sprout the seed pieces before they are planted in the garden. Each potato seed piece should be at least two ounces in weight and each seed piece should show one or more "eyes" sprouting. Freshly cut seed pieces should be allowed to "suberize" or "heal" before they are planted in the garden plot.

There are a lot of good tablestock potato varieties to choose from for the home garden. These varieties include "Dark Red Norland," "Superior," "Kennebec," "Chieftain," "Viking," "Katahdin," "Russet Norkotah," and "Yukon Gold," in addition to white, red, and russet-skinned tablestock potatoes.

The "Dark Red Norland" is an early, red-skinned variety that produces average to good yields.

Potatoes are smooth, somewhat rounded with shallow eyes. Plant "Dark Red Norland" seed pieces about 10 to 12 inches apart in the row. This potato variety has moderate tolerance to scab problems.

"Superior" is a medium-maturing, white-skinned potato variety that produces a good yield of smooth potatoes with an attractive "netting" on its skin. "Superiors" should be planted between 9 to 11 inches apart in the row. They show good tolerance to scab problems.

"Kennebec" is a late maturing, white-skinned potato variety that continues to enjoy tremendous popularity among home gardeners. "Kennebec" produces high yields of smooth, uniform potatoes. This variety of potato should be planted 9 to 12 inches apart in the row. "Kennebecs" tend to "set" high tubers so it is necessary to continue to "hill" or mound soil around each plant. Without "hilling," the resultant potatoes could be affected by sunlight, resulting in green potatoes. "Kennebec" can be susceptible to scab problems. They have good storage qualities.

"Chieftain" is a red-skinned, late maturing potato variety. It has outstanding yield potential of very smooth and very uniform potatoes. Storage potential is very good and it has some tolerance to scab problems. Plant "Chieftains" 9 to 12 inches apart in the row.

"Katahdin" is very similar to "Kennebec" in maturity and is also a white-skinned variety. Yields of "Katahdins" are usually very good. Plant "Katahdins" between 9 and 12 inches in the row. "Katahdins" can be scab susceptible.

"Viking" is a medium to late maturing, red-skinned potato variety. It is an outstanding yielder of large potatoes. Plant "Viking" about 8 to 12 inches apart in the row. It has some tolerance to scab and is somewhat drought resistant. Storage potential is very good.

"Russet Norkotah" is a russet-skinned, late maturing russet or baking-type potato. It is a good yielder of uniform, russet-skinned potatoes. Plant "Russet Norkotah" seed pieces about 10 to 13 inches apart in the row. Storage potential for this potato variety is very good.

"Yukon Gold" is a fairly new introduction for most home gardeners. It is a white to yellow-skinned variety that produces yellowish or golden colored flesh when peeled. Maturity is medium to late and yields are good with very good storage potential. It has

good scab tolerance.

Seed potatoes should be planted as soon as soil temperatures reach 45 degrees Fahrenheit to 50 degrees Fahrenheit. Row width should be between 32 and 36 inches.

Once the potato plants have emerged through the soil, the potato plant should be "hilled" to help eliminate germinating weeds and also to prevent the tubers from getting sunburned.

Once the potatoes have started to grow vigorously, the home gardener's main concern will be to monitor the plot for weeds, disease, and insects.

Major weed problems can include quackgrass, pigweed, lambsquarters, and other broad-leaf and grass-type weeds. The Wayne County Cooperative Extension Office can offer weed control suggestions to the home gardener.

Some major disease problems to deal with when growing potatoes are early and late blight, leaf spot, common scab, leafrolls, verticillium wilt, soft rot, mosaic diseases, and rhizoctonia. Check with the extension office for materials and control measures to consider in keeping these diseases in check.

Major potato insects include Colorado potato beetle, leafhoppers, aphids, and flea beetles. The extension office has available control measure against this group of potato plant insects.

Potatoes can be dug when the tops are dead and dried. Potatoes should be carefully dug to avoid bruising and shattering the potatoes. Potatoes should be allowed to dry and "cure" before they are placed in a 37-degree Fahrenheit to 42-degree Fahrenheit storage at about 80 percent relative humidity.

"Curing" of tablestock potatoes can be accomplished by placing dug potatoes for seven to 10 days at 60 degrees Fahrenheit in a garage or shed or barn.

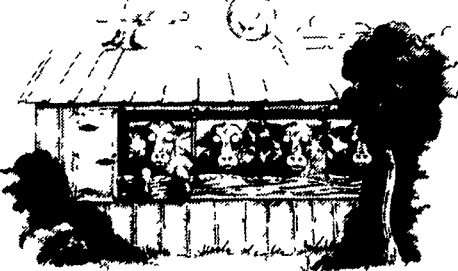
Growing tablestock potatoes in a home garden can be hard work and time-consuming. By following these growing and management suggestions and trying some of the newer, higher-yielding potato varieties, your time and effort spent to grow a crop will be rather rewarding in terms of high-quality potatoes that will supply many meals for quite a few months of the year.

For additional information about growing potatoes in a home garden, contact the Wayne County Cooperative Extension Office at (570) 253-5970, ext. 239.

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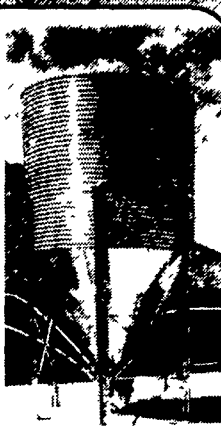
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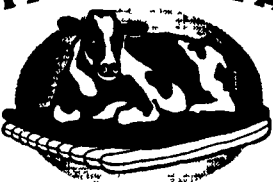
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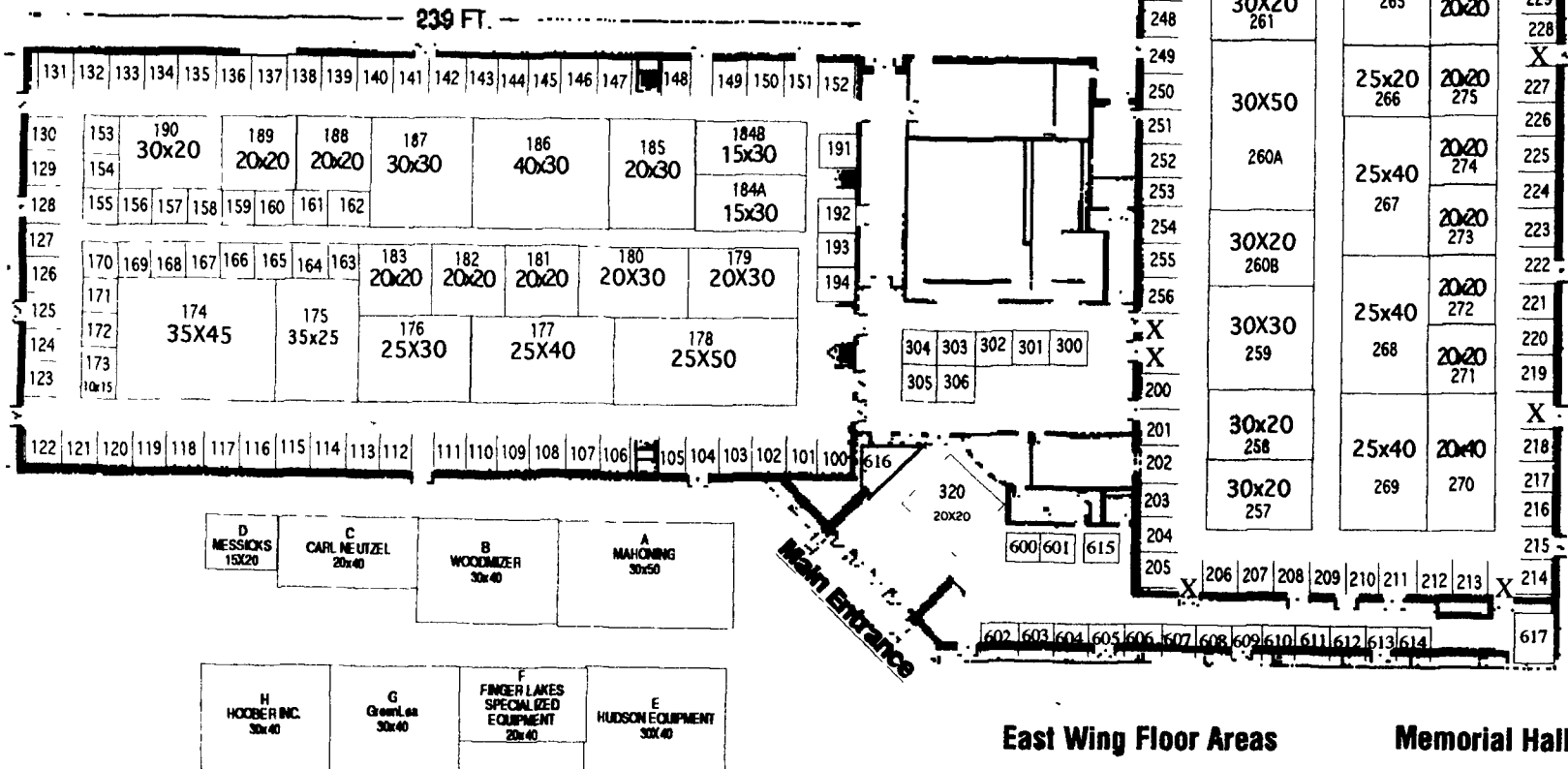
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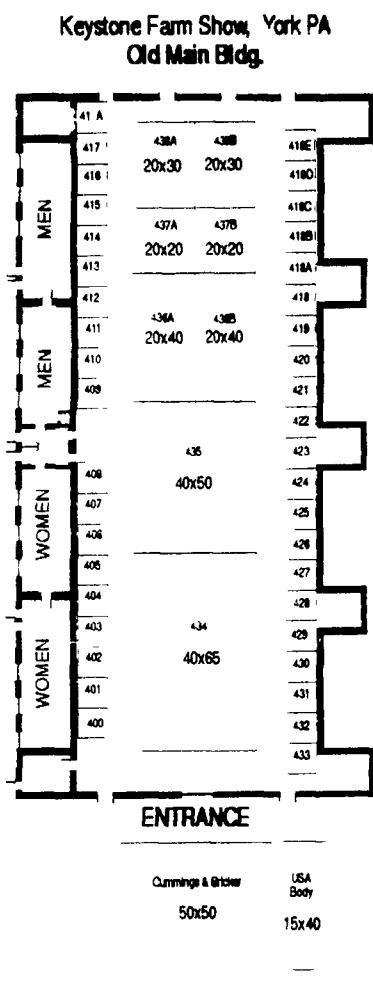
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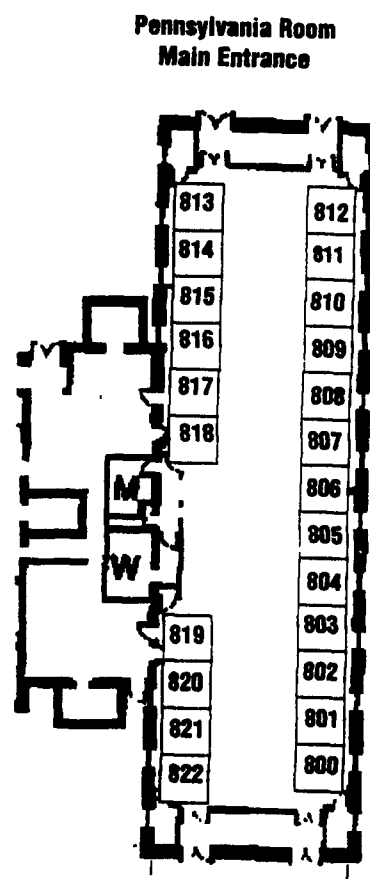
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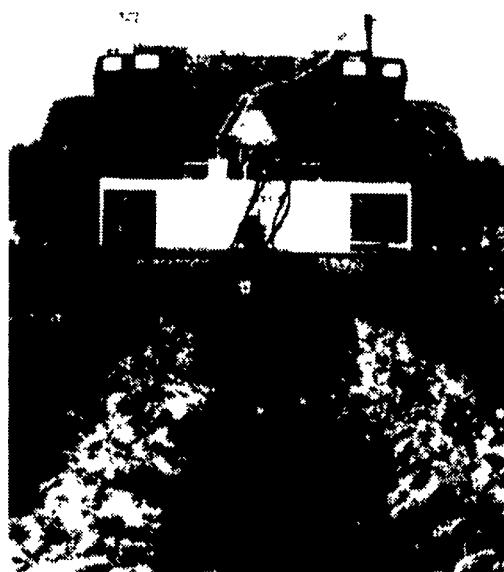
- 200 Nutrient Solutions in Ag
- 201 Nutrient Solutions in Ag
- 202 Gro Mor Plant Food Co.
- 203 Gro Mor Plant Food Co.
- 204 Accelerated Genetics
- 205 Accelerated Genetics
- 206 Animal Medicine
- 207 Animal Medicine
- 208 Keystone Concrete
- 209 Sire Power Inc.
- 210 Metz Sales Inc.
- 211 Progressive Pressure Sys.
- 212 Mycogen Seeds
- 213 Mycogen Seeds
- 214 Mueller / R. Brubaker Refrigeration
- 215 Miller Diesel



(Turn to Page 29)



Automatic

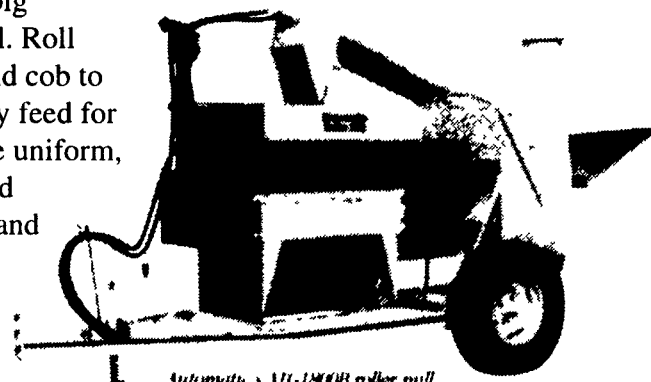


NAVIGATOR® STRESS-FREE ROW CROP GUIDANCE

- Unique design keeps the implement parallel with the rows even when the tractor moves laterally as it drifts off course. Most other systems oversteer the toolbar which adds damaging side pressure to the stabilizing coulters
- Automatically compensates for sidehill drift.
- Eliminates excessive pull and stress on hydraulic components associated with other guidance systems.
- Very few moving parts provide smooth, friction-free lateral movement
- Works effectively on all conventional and rigid-till cultivators, planters and 4-wheel drive articulated tractors.

STRETCH YOUR FEED GRAIN

Research shows you can use less grain with a roller mill, like the Automatic big capacity blower mill. Roll both shelled corn and cob to produce high-quality feed for your dairy herd. The uniform, optimum size of feed adds to palatability and improves intake.



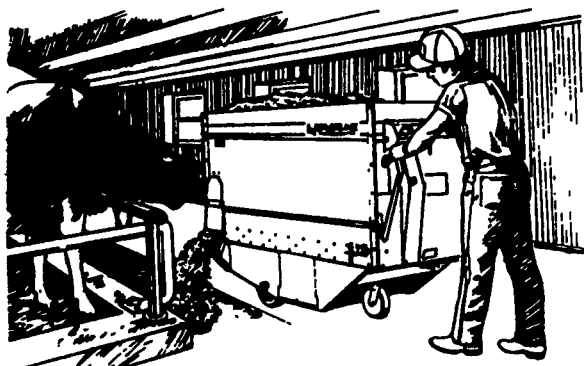
Automatic's BIG MILL roller mill

CUT FEEDING TIME WITH WEAVERLINE SILAGE CART

Be Sure To Consider
Weaverline Silage
Cart

WHY?

- Feeding is Right At Your Fingertips
- Improves Dairy Feeding
- You Will Enjoy Feeding Cows With The Easy Quiet & Fast Weaverline Cart... Many Sizes Available



4 SIZES AVAILABLE 420 424
 430 436

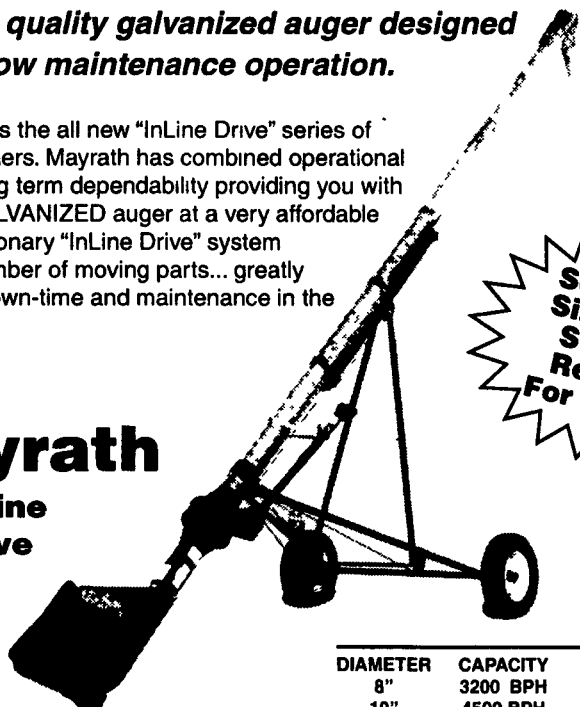
- ★ 20% Larger Than the "Best Seller" Model 430
- ★ Larger Size For The Larger Herd
- ★ Full 36 Bushel Capacity
- ★ Extension Side Kit Available To Increase The Capacity On All Models

Your Source For Quality Grain Handling Equipment

A premium quality galvanized auger designed
for low maintenance operation.

Mayrath introduces the all new "InLine Drive" series of portable grain augers. Mayrath has combined operational efficiency with long term dependability providing you with a high quality, GALVANIZED auger at a very affordable price. The revolutionary "InLine Drive" system minimizes the number of moving parts... greatly reducing costly down-time and maintenance in the future.

Mayrath InLine Drive



Several
Sizes In
Stock
Ready
For Work

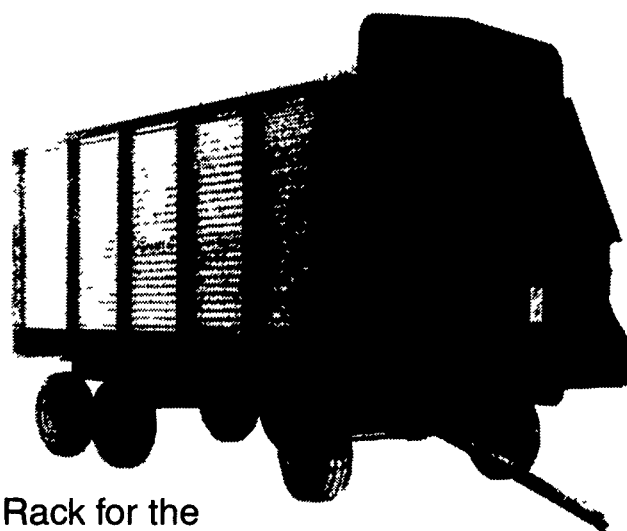
DIAMETER	CAPACITY	LENGTHS
8"	3200 BPH	32', 42', 52', 62', 72'
10"	4500 BPH	32', 42', 52', 62', 72'



The InLine Drive
Unique in design, high in efficiency.

The gearbox is located InLine with the actual auger flighting. The outer tube is expanded to allow unobstructed and efficient flow of grain past the gear box section. This design proves to be both economical and low maintenance in operation.

Gruett's FORAGE RACK

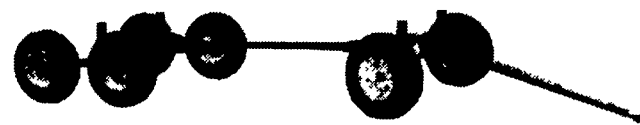


Forage Rack for the

- Aluminized steel sides and roof for longer wear.
- Available with right or left unload
- Pintle apron chain & pintle cross conveyor.

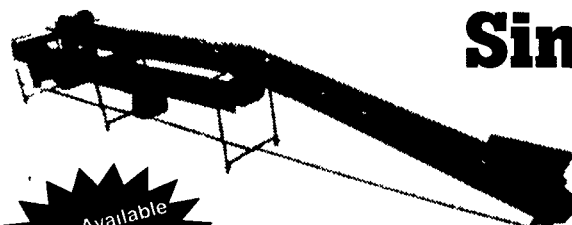
3 Models To Choose From

WAGON
GEAR



DeMuth
AGRI-PRODUCTS

"More than 70 years
Service to the
Dairy Industry"



Single Chain Conveyor

Also Available
BELT
CONVEYOR

High quality, heavy-duty construction for years of dependable service. All-bolted construction to quickly and easily add or remove sections.

Express Feeder



Also Available
BELT
FEEDER

Without moving motors, sweeper brushes or flights, the feed is distributed quietly & efficiently at a rate of 1250 lbs. of corn silage per minute. Feed stays mixed.

See These and Other Fine Products
at our Display at

KEYSTONE FARM SHOW
JANUARY 4, 5 & 6, 2000

Memorial Hall Booth 189-190

RYDER SUPPLY
— CO.

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P.O. Box 219

Chambersburg, PA 17201-0219
Phone 717-263-9111

rydersup@innernet.net

You Can Produce **MORE MILK** By Supplying More Water

Ritchie WaterMaster

WaterMaster has gained approval through extended use in feedlots and dairies across North America. It features heavy-wall roto-cast polyethylene one-piece body construction. Ritchie utilizes UV inhibitors so it won't pit, crack or deteriorate like concrete. A solid wall of urethane foam insulation keeps water

ice-free longer. WaterMaster options include constant flow or electric heat package with a 250 watt immersion heater and a supply line heater.

Open water encourages drinking ... Fast and easy to clean

A trough that slopes towards a 3" drain for fast easy cleaning. Emptying, cleaning and refilling a Ritchie WaterMaster takes a fraction of the time most competitors require just to empty.

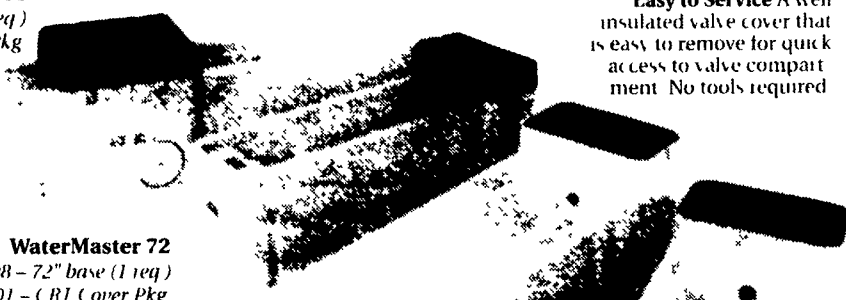
Easy to Service A well insulated valve cover that is easy to remove for quick access to valve compartment. No tools required.

Meets Grade A dairy requirements. Ideal for free stall dairy operations.

Solid, structural built in mounting holes for bolting unit securely to a cement pad.

WaterMaster 144

Part No. 16708 - 72" base (2 req.)
Part No. 16702 - CRI Cover Pkg



WaterMaster 72

Part No. 16708 - 72" base (1 req.)
Part No. 16701 - CRI Cover Pkg



Built for rugged feedlot conditions. Heavy-duty construction.

WaterMaster 90
Part No. 16467

WaterMaster 54
Part No. 16542

All-Purpose Fountains for unique applications

IAC General Purpose Fountain

Single lot design
Part No. 16763 - Stainless Trough
Part No. 12320 - Painted Trough
286W (2.4 AMPS @ 120V)
Horseguard No. 16720



Water Wrangler™

Designed especially for horses.
Part No. 16797 - Stainless Trough
Part No. 12400 - Painted Trough
286W (2.4 AMPS @ 120V)



2AC Special

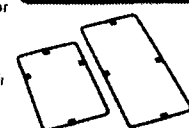
For box stalls, small lots or fences.
Part No. 16766 - Stainless Trough
Part No. 12767 - Painted Trough
286W (2.4 AMPS @ 120V)
Horseguard No. 16721

Thrifty T Fountain™

Perfect summer fountain for any of your livestock varieties.
Part No. 11065 - Nonheated

2AC Multi Purpose Fountain

Waters calves, sheep and goats. Perfect for box stalls, small lots or fences. Shown with stainless trough and optional Horseguard.
Part No. 16741 - Stainless Trough
Part No. 12295 - Painted Trough
286W (2.4 AMPS @ 120V)
Horseguard - Part No. 16721



Horseguard features rounded edges to protect your animal.
Part No. 16720 for IAC
Part No. 16721 for 2AC & 2AC Special

These fountains are perfect for horses, sheep, goats and exotics in small pens indoors or out. Heavy-duty steel and galvanized steel construction with our powder-coated baked-on finish resist corrosion, even stainless steel hold downs.

Ritchie Cattle Fountains

- Heavy-duty construction can take abuse
- Heating elements attach directly to the trough for efficient heat
- Reliable float and valve with 30 years of time-tested dependability
- Stainless steel hold downs

The reliable standard of the industry



3 Cattle Fountain

Part No. 16745 - Stainless Trough
Part No. 11255 - Painted Trough
518W (1.6 AMPS @ 120V)

Available in 240 volt. Meets Grade A dairy requirements.

5 Cattle Fountain

Part No. 16746 - Stainless Trough
Part No. 11290 - Painted Trough
518W (1.6 AMPS @ 120V)

10 Cattle Fountain

Part No. 16774 - Stainless Trough
Part No. 12088 - Painted Trough
1048W (8.7 AMPS @ 120V)

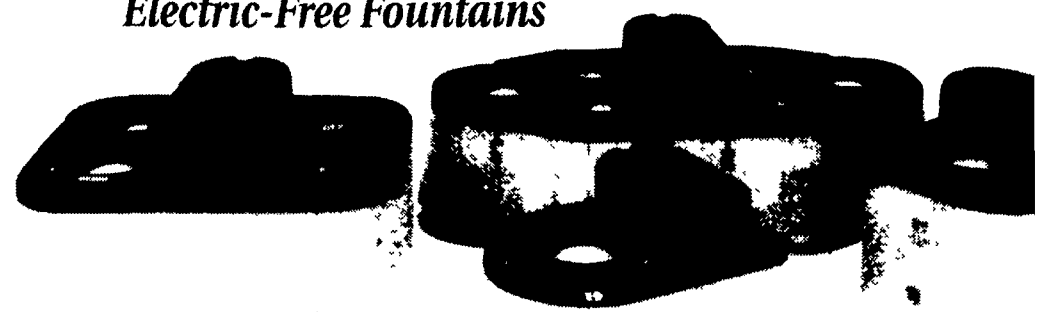
More American farmers have installed a Ritchie than any other brand.

Any size. Any layout. Ritchie has the fountain for you. They're easy to install along fences or in open lots, and their big-throated valves keep water flowing fresh and clean, even during heavy demand. Heavy-duty steel and galvanized steel construction with our powder-coated baked-on finish resist corrosion. Electric heat with an adjustable thermostat keeps water ice-free. Cable heater provides additional protection to the supply line. Also available with gas heat.

Ritchie Thrifty King

Cool water in the summer & free-flowing in the winter.

Electric-Free Fountains



Model CT4
Four-Drink
Part No. 16430

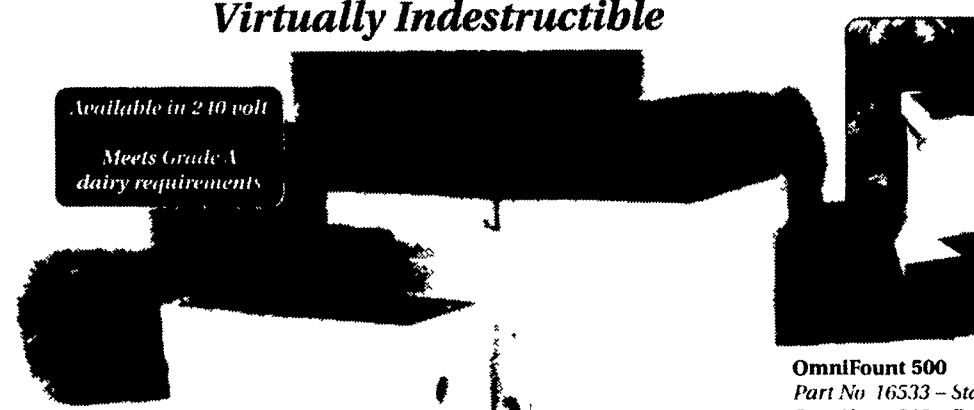
Model CT1
One-Drink
Part No. 16271

Model CT2
Two-Drink
Part No. 16431

Ritchie OmniFount

Virtually Indestructible

Available in 240 volt. Meets Grade A dairy requirements.



OmniFount 500
Part No. 16533 - Stainless Trough
Part No. 16525 - Painted Trough
548W (4.6 AMPS @ 120V)

OmniFount 200
Part No. 16619
286W (2.4 AMPS @ 120V)

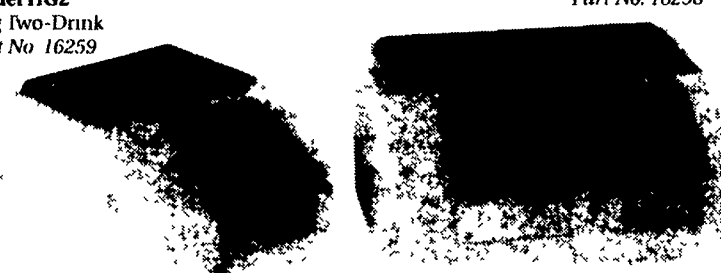


Combining the best features of both our electric and electric-free fountains, Ritchie has designed a fountain that's so tough it's virtually indestructible. Perfect for areas where high corrosion is a problem. In addition to beef and dairy herds, the Omni is also ideal for horses and exotics.

Thrifty King

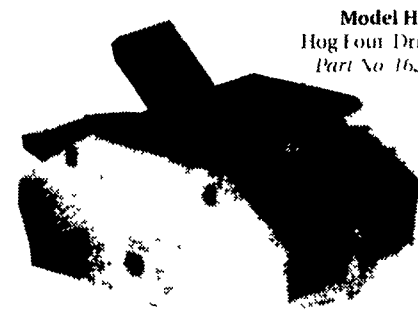
Model HG2
Hog Two-Drink
Part No. 16259

Model HG2-1
Hog Two-Drink
Part No. 16298

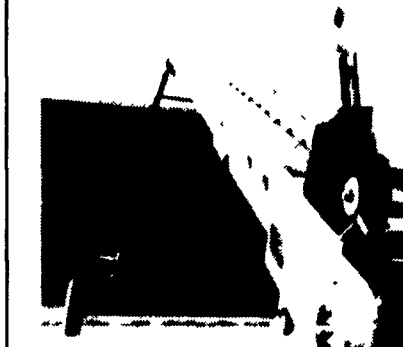


- Large drink opening and low drinking height makes it easy and safe for both large and small hogs to drink
- Built to take abuse, the one-piece polyethylene plastic design prevents heat loss and damage. Plus it's easy to install.
- 3/8" stainless steel stationary hinge rods, reinforced lifting lids and stainless steel bite guards for extra durability.
- Large access to inside valve compartment for below ground water connection.

Model HG4
Hog Four-Drink
Part No. 16260



MY-D



IN STOCK

Pound 1 MY-D

WE HAVE AUG

See these and other fine products at our display at
KEYSTONE FARM SHOW
JAN. 4, 5 & 6, York, PA
Memorial Hall Booth 189 & 190

RYDE

ifty King

& free-flowing in the winter.

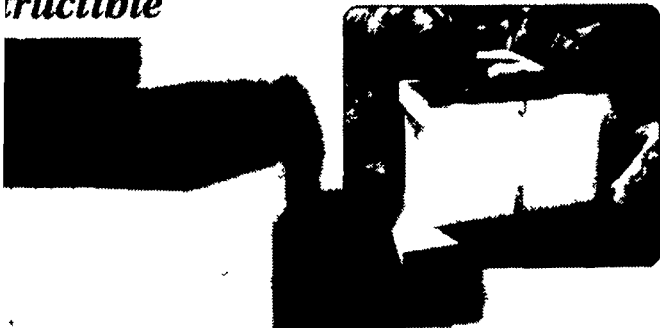


Model CT2
Two-Drink
Part No 16299

Model CT1
One-Drink
Part No 16271

nniFount

tructible



OmniFount 500
Part No 16533 - Stainless Trough
Part No 16525 - Painted Trough
548W (4.6 AMPS @ 120V)

nniFount 200
Part No 16619
548W (2.4 AMPS @ 120V)

BeltVeyor

The Original — **BELT-IN-A-TUBE**

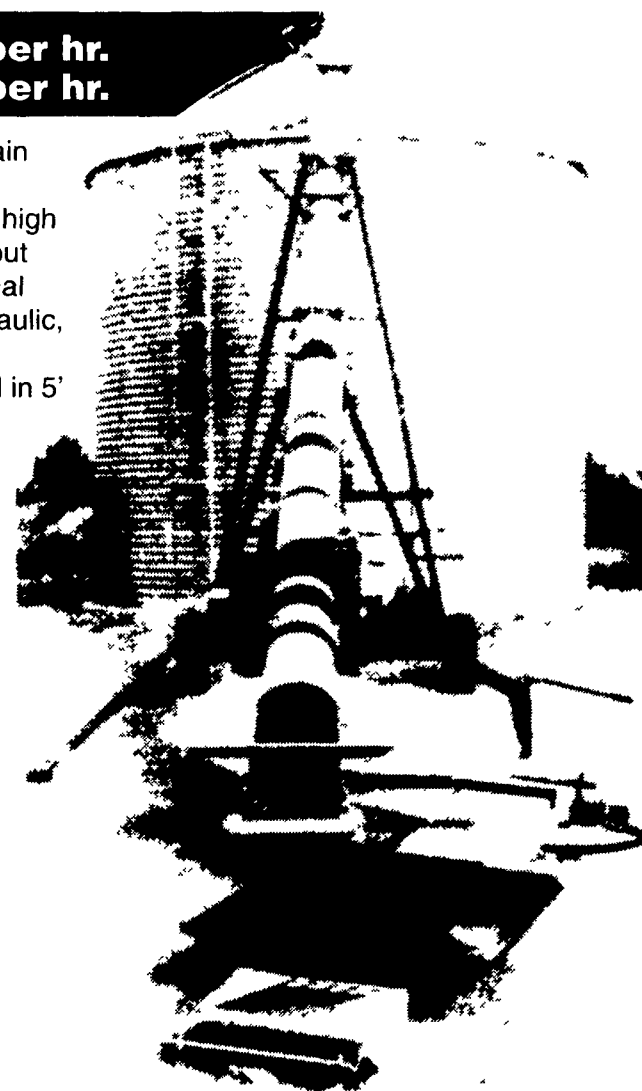
**10" unit moves up to 5,000 bu. per hr.
14" unit moves up to 9,000 bu. per hr.**

The BeltVeyor is a durable workhorse for any grain handling or bulk materials operation. It offers safety, low maintenance, low power requirements, high capacity and best of all handles grain or bulk without agitation and reduces breaking or cracking. Optional PTO, gas or electric motor drive with optional hydraulic, manual or electric winch. 10" available in 20' to 85' lengths, the 14" is available in 30' to 85' lengths, all in 5' increments.

Shown with New Slip-Pit™ Accelerator

Increase capacity while you unload material either under the hopper trailer or truck tailgate. Available with hydraulic or electric drive. Simply lower the end roller and pull the maneuvering arm to slip into position.

Transports easy, mounts beside your conveyor.



MY-D HAN-D

- **BALE ELEVATORS**
- **CONVEYORS**
- **PORTABLE ELEVATORS**

MY-D HAN-D

**BUILT LIKE
YOUR FARM
DEPENDS
ON IT.**

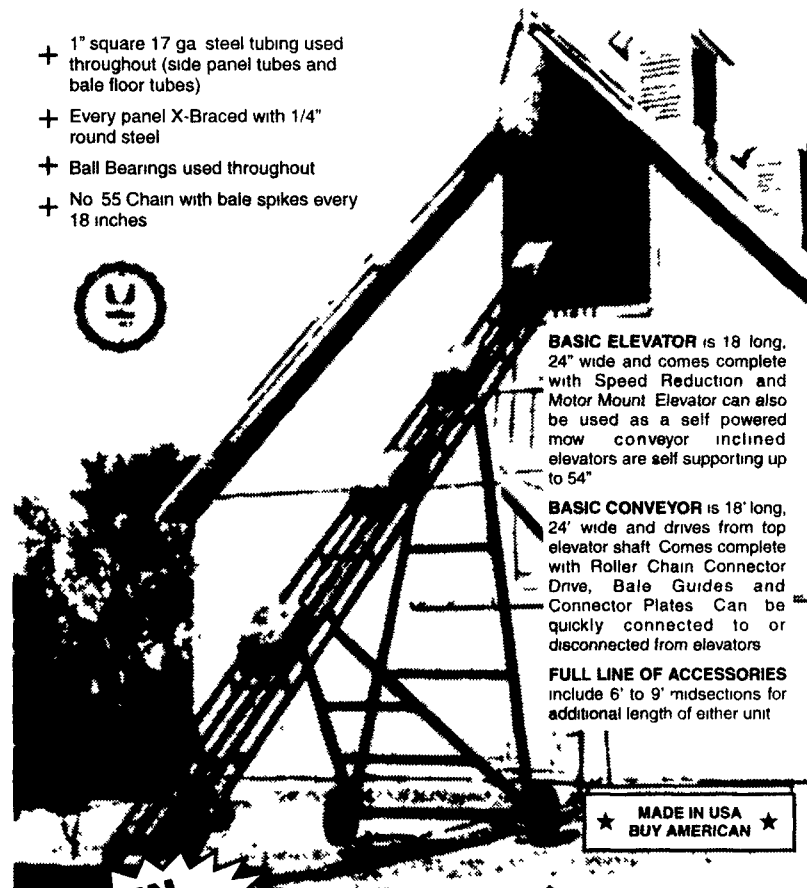


**IN
STOCK**

**Pound For Pound, Dollar For Dollar
MY-D HAN-D Gives You More**

WE HAVE AUGERS & SINGLE CHAIN IN STOCK!

- + 1" square 17 ga. steel tubing used throughout (side panel tubes and bale floor tubes)
- + Every panel X-Braced with 1/4" round steel
- + Ball Bearings used throughout
- + No 55 Chain with bale spikes every 18 inches



BASIC ELEVATOR is 18' long, 24" wide and comes complete with Speed Reduction and Motor Mount Elevator can also be used as a self powered conveyor inclined elevators are self supporting up to 54"

BASIC CONVEYOR is 18' long, 24" wide and drives from top elevator shaft. Comes complete with Roller Chain Connector Drive, Bale Guides and Connector Plates. Can be quickly connected to or disconnected from elevators.

FULL LINE OF ACCESSORIES include 6' to 9' midsections for additional length of either unit.

★ **MADE IN USA** ★
BUY AMERICAN

**IN
STOCK**

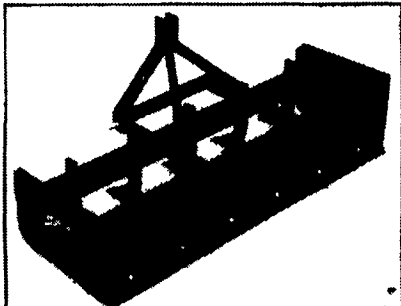
RYDER SUPPLY CO.

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Chambersburg, PA 17201-0219
Phone 717-263-9111

rydersup@innernet.net

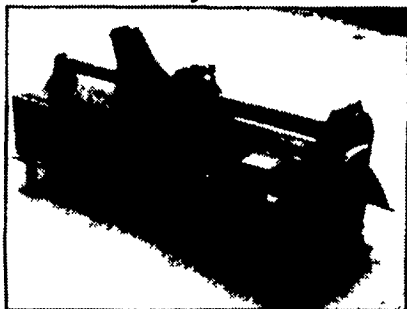
PANORAMA

Landscape Equipment



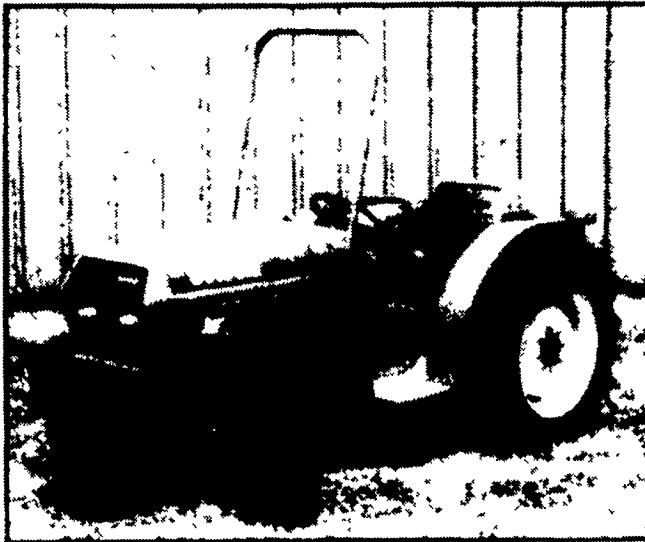
Box Blades, Rock Rakes, Till & Angle Blades (Most Sizes Available)

Rotary Tillers



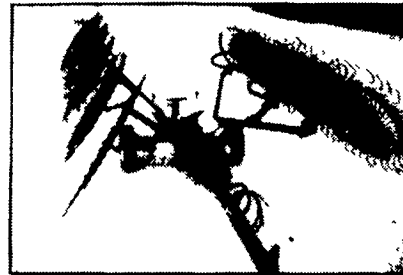
Wide Range Models to fit tractors from 20-50 HP

Goldoni Tractors



Europe's Premier Tractor
Horsepower Range 20-70, 4 WD
Standard Quality you can see at a glance.

Wheel Rakes & Wheel Rake Carriers



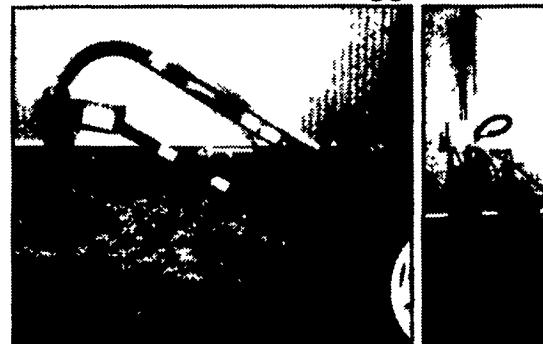
Handles your hay gently and reduces your raking time.

Hay Tedders



Working Width - 10'x17' Fast, even spreading and gentle with your hay

Post Drivers & Diggers



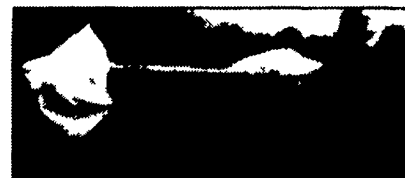
Make your hard fencing job easy with a Panorama post digger or driver.

Harrow



Different harrow sections can be used in combination to make the width your job requires. Draw bars are available in 4' to 18' widths.

Disc Mowers



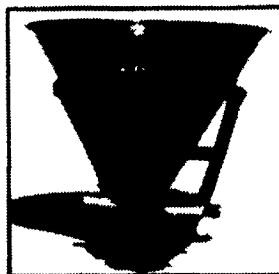
High speed for fast, efficient cutting.
Available in 7', 8' or 9' models

Finishing & Rotary Mowers



For a smooth cut, look for the Panorama mowers, 4' to 7' available

Broadcast Seeder/ Fertilizer Spreaders



If you need to spread seed or fertilizer, this will do it

V&M HYDRAULIC MULTIPLIER

"ADD-A-VALVE" or 2 or 3



FEATURES:

- Adds one hydraulic remote outlet
- 15GPM per outlet 3000PSI
- Works on any tractor, open or closed center
- Easy to mount, versatile
- Convenient, one handed operation
- Aluminum body construction
- Commercial grade sealed switches
- Inexpensive

Call for more information.

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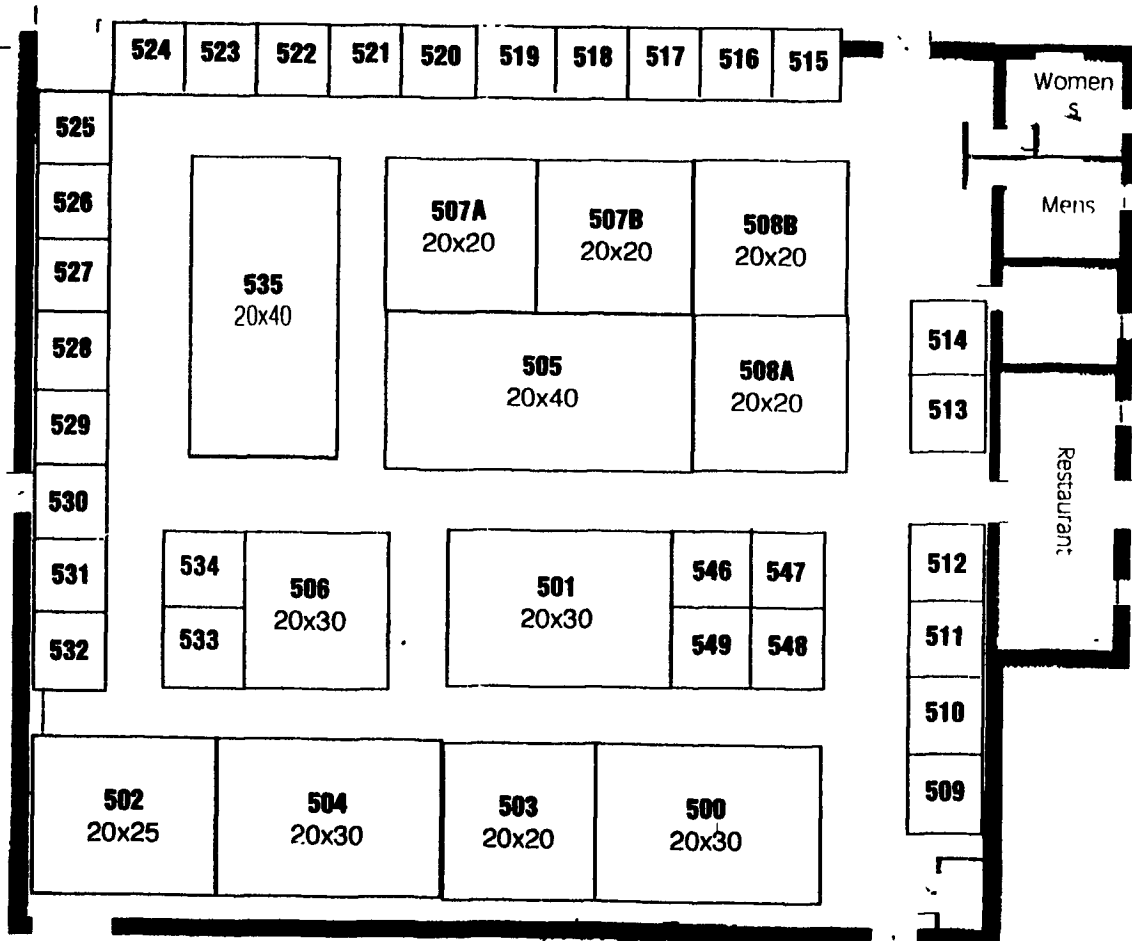
(Continued from Page 24)

216 Genex Cooperative
217 Elanco Animal Health
218 AV International
219 Dyna Tech Ind.
220 Dyna Tech Ind.
221 Farm Credit of PA
222 Farm Credit of PA
223 Musser & Associates
224 TaurusService
225 Sollenberger Silo Corp
226 Sollenberger Silo Corp
227 Sollenberger Silo Corp
228 Chemgro
229 Chemgro
230 TeeJet Northeast
231 TeeJet Northeast
232 Pladot Mini-Dairy
233 Dr. Register
234 Snooks Equipment
235 Snooks Equipment
236 Farm Plan
237 Monsanto
241 Wengers of Myerstown
242 Royster Clark
243 Lipha Tech Inc.
244 IBA Inc.
245 Semex USA
246 Merial Ltd,
247 Stine Seed
248 Georgia Duck
249 Georgia Duck
250 NC + Hybrids

251 Lancaster DHIA
252 Agri Biotech Inc
253 Northeast DHIA
254 Northeast DHIA
255 Seedway/Agway
256 Seedway/Agway
257 Frank Walters Enterprises
258 Norbco
259 Mid Atlantic Agri Systems
260A Chambersburg Farm Supply
260B Knight Mfg.
261 Hardi Mfg.
262 AgChem
263 Norcan Farm Equipment
264 Finch Hanover Inc.
265 Finch Hanover Inc.
266 Automatic Farm Systems
267 Cedarcrest Equipment
268 GVM
269 MM Weaver & Sons
270 Paul B. Zimmerman Inc.
271 Lapp's Barn Equipment
272 JB Zimmerman & Sons
273 Westfalia Dairy Systems
274 Mirafount/ Gallagher
275 Cen-Pe-Co
276A Claas of America, Inc.
276B Claas of America, Inc.
277A Boumatic
277B Sibert Equipment
**Memorial Hall-
Lobby Floor Area**
320 Cover All Building System
301 Ag Products Inc.
302 ACR Metal Roofing
303 PA Farm Bureau

Horticultural Hall

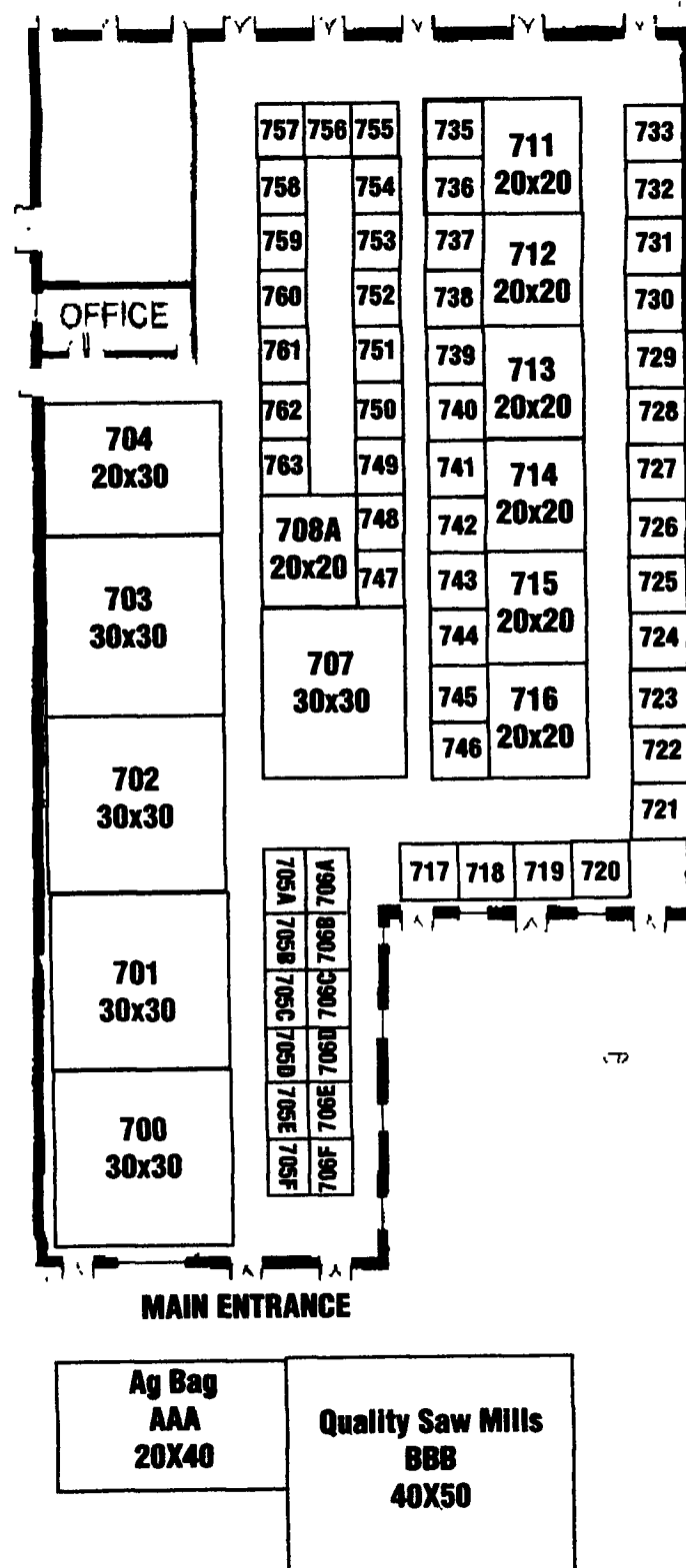
Keystone Farm Show • York PA



304 USDA
305 Martin Limestone Exchange
306 McGreary Grain
**Memorial Hall-
Hall Area Over-Flow**
600 Hubner Seed Co.
601 Lancaster Farming
602 Pennsylvania Grange Ser. Corp.
603 Sweet Air Products
604 Fastline Publications
605 Demuth Steel Products
606 Demuth Steel Products
607 Business Lease
608 Agri King
609 Agri King
610 Crop Grower Insurance
611 Cargill Animal Nutrition
612 Cargill Animal Nutrition
613 Lawn Care Equipment Center
614 Green Lea Sales Co.
615 Delmarva Farmer
616 Carl Neutzel
617 Bio Gene Seeds
**Memorial Hall
Outdoor Exhibitor Space**
A Mahoning Furnace 30x50
B Woodmizer 30x40
C Carl Neutzel 20x40
D Messicks Farm Supply
E Hudson Forest Equip. 30x40
F Green Lea Sales Co.
G Fingerlakes Spec. Equipment
J Hudson Forest Equip.
K Lawn Care Equipment Center 10x40

Old Main Building
400 Binkley & Hurst
401 Agri-Inc
402 Vigortone Ag Products
403 Mid-Atlantic Seed
404 Advanced Agri Solutions
405 Dairy Farmers of America
406 Petershiem Cow Mattress
407 Petershiem Cow Mattress
408 Triangle Communications
409 Pars, Inc.
410 Lawn Care Dist. Inc.
411 Lawn Care Dist. Inc.
412 Lawn Care Dist. Inc.
413 Woodford Bros.
414 Schering-Plough Animal Health
415 Mensch Mfg.
416 Mensch Mfg.
417 LR Gehm
417A Farmersville Equipment
418 Agri Basics Inc.
418A ABS Global
418B Beco Equipment
418C Deep Valley Farms Inc.
418D Nasco
418E Cattle Care Service Inc.
419 Furst McNess Co.
420 Maryland VA Milk Producers
421 SI Distributing
422 SI Distributing
423 SI Distributing
424 SI Distributing
425 Conewango Products
426 EZ Hutch
427 EZ Hutch
428 Conklin
429 OA Newton
430 White Oak Mills
431 AgRestore Inc.
432 Farmmaster Zimmerman
433 Farmmaster Zimmerman
434 Cummings & Bricker
435 J-Star Ind.
436 CU Stoltzfus
436A Hamilton Equipment
437A Hamilton Equipment
437B Better Built
438A Farmersville Equipment
438B Farmersville Equipment

KEYSTONE FARM SHOW (Turn to Page 30) Poultry Building





(Continued from Page 29)

OLD MAIN
OUTDOOR EXHIBIT SPACE

AA Cummings and Bricker 40x40
BB USA Body 15x40

Horticultural Hall

- 500 Deer Creek Equipment
- 501 Lebanon Valley Enterprises
- 502 Umberger of Fontana/Jaylor
- 503 Polydome
- 504 Keenan USA Inc
- 505 Case DMI
- 506 E M Herr
- 507A Northbrook Farms
- 507B UAP Northeast
- 508A K and E Auto Parts
- 508B Dion Machinery
- 509 Mathews Co.
- 510 Agway Ag Products
- 511 Agway Ag Products
- 512 Aerotech
- 513 Agri-Plastics Mfg.
- 514 Agri-Plastics Mfg.
- 515 Martin Water Conditioning
- 516 Nan-Jac Emu Farms
- 517 Northwest Mfg.
- 518 Pennfield Feeds
- 519 Bergman Mfg.
- 520 BASF
- 521 PACMA Inc.
- 522 Marsyt - Ecosyl Products Inc.
- 523 Millcreek Mfg.
- 524 Millcreek Mfg.
- 525 Agribusiness Insurance
- 526 Tech Mix Inc.
- 527 Brandts Farm Supply
- 528 Brandts Farm Supply
- 529 American Seed Company
- 530 Kencove Fence
- 531 Mt. Joy Farmers Co-Operative
- 532 Reinker Ag Products
- 533 Calf Tel
- 534 Calf Tel
- 535 Wengers of Meyerstown
- 546 LSC Equipment
- 547 LSC Equipment
- 548 Farmer Boy Ag Systems
- 549 Farmer Boy Ag Systems

Poultry Building

Floor Space

- 700 Kuhn Farm Machinery
- 701Binkley & Hurst
- 702 Brillion

- 703 MH Eby Inc.
- 704 Zetor Tractor
- 707 Penn-Jersey Products
- 708A Ag Bag International
- 711 Sones Grain Systems
- 712 Purina Mills
- 713 Venture Products
- 714 Penn Power Systems
- 715 Greenhouse Supply
- 716 BPI Llc.
- 8 x 10's**
- 705A Digi-Star
- 705B Orkin Agribusiness
- 705C Orleans Grain Co.
- 705D Deer River Ranch
- 705E Everett Cash Mutual
- 705F Market Farm Implement
- 706A Nebraska Alfalfa Mktg Assoc
- 706B Cornell Cooperative Extension
- 706C Allen Hoover Repair
- 706D Allen Hoover Repair
- 706E Edward Specialty Products
- 706F Market Farm Implement

- 10 X 10'S**
- 717 Dry Hill Farms
- 718 Commodity Specialists Corp.
- 719 So Jersey Fellowship of Christian Farmers
- 720 Grand Laboratories Inc.
- 721 Beitzel Spraying
- 722 Century Farm Products
- 723 King Construction
- 724 Hydro Wash Equipment
- 725 Hydro Wash Equipment
- 726 Fertrell Co
- 727 Micro Aid
- 728 Outback Heating
- 729 Outback Heating
- 730 Airablo, Inc.
- 731 Old Guard Insurance
- 732 Dick Meyer Co. Inc.
- 733 Benco Poly Films
- 735 People's Bank
- 736 People's Bank
- 737 PA Vet Med Assoc.
- 738 Genesee Valley Irrigation
- 739 Penn State Cooperative Extension

- 740 Alaska Stove
- 741 Morton Buildings
- 742 Conestoga Buildings
- 743 Keystone Fence Supply
- 744 Safemark
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(Turn to Page 32)



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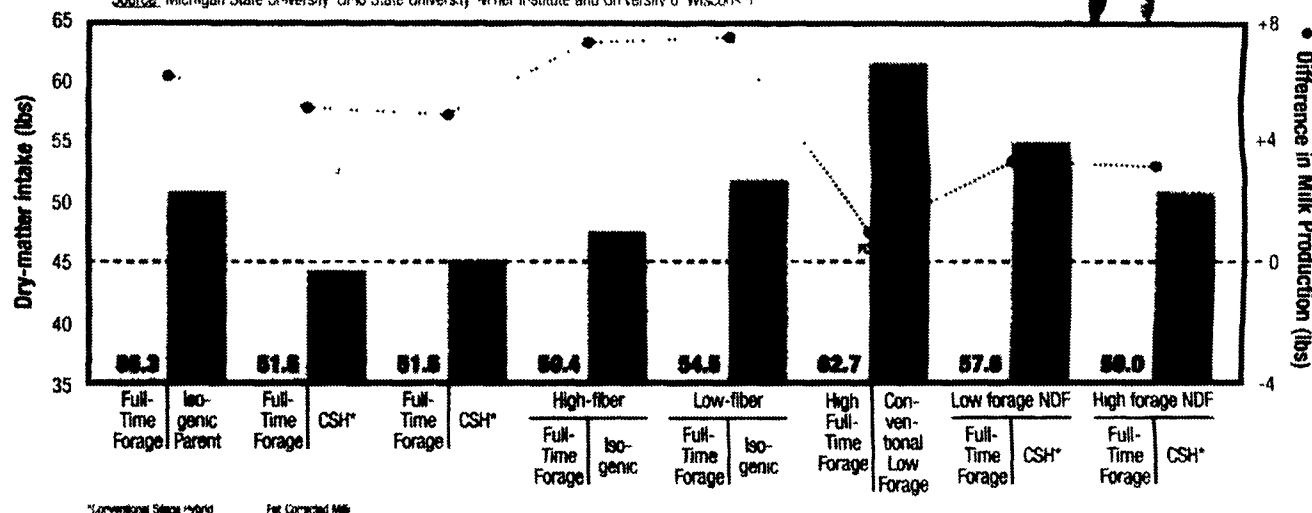
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Selecting Right Tree From Nursery Not Child's Play

UNIVERSITY PARK (Centre Co.) — When it comes to selecting quality trees at your local nursery or garden center, it isn't easy seeing green, according to a horticulture specialist in Penn State's College of Agricultural Sciences.

"The sheer numbers of plants and the blast of visual information often can overwhelm your ability to recognize a quality plant," said Jim Sellmer, assistant professor of ornamental horticulture. "It takes concentration, sharp eyes and

clear thinking to evaluate plants." Sellmer says consumers first should evaluate a plant's above-ground quality.

- Ratio of height to diameter. On average a tree with a trunk diameter of 1.5 inches measured at a point six inches above the ground should have a height of about 12 feet. "Although it varies with species, do not choose trees that are excessively tall for their diameter," Sellmer said. "If the tree is 16 feet or more, this may mean the tree was collected wild or grown too close together, which produces weaker plants that do not transplant well and are prone to being blown down."

- Plant form. Trees should have well-spaced branches spread out uniformly on the trunk. Inspect the branch structure closely before buying "Branches that are growing close to each other or crossing one another when young will grow into each other as the tree ages," Sellmer explained. "That will weaken the tree and make it more susceptible to damage."

If the tree is a variety that has a strong central trunk, avoid choosing trees with clustered growth at

the top, which can produce branches with narrow angles that can weaken the tree. "For street use, choose a single-stem tree that has had its lower limbs properly pruned in the nursery," Sellmer said. "The tree should have the proper height-to-width ratio, and limbs should not obscure visibility or interfere with signs or pedestrian and vehicle traffic."

- Plant health. The general health of a tree can be evaluated by examining foliage color and density. Foliage should be lush green. Light green or yellow foliage indicates the tree may have been underfertilized. "When trees are dug out at nurseries, 90 to 95 percent of their roots are left in the ground," Sellmer said. "Their survival depends on rapid root regeneration, and a weak and unhealthy looking tree will not transplant well."

- Plant growth. Examine branch growth for each year. Sellmer says

branch growth may be visibly stunted the year a tree was planted in the nursery. In subsequent years, branch length should increase. If recent growth appears stunted, try to determine why. "It could be drought or poor fertility, or the tree may have been dug out previously," he said.

- Signs of injury. Inspect the trunk to make sure the bark has not been damaged. Torn bark reduces the movement of water and nutrients and makes the tree susceptible to infection from decay organisms.

"When the tree is delivered, inspect it for any signs of insect or disease damage," Sellmer said. "Look for cankers, scale or borer damage on the trunk. Look for scale, caterpillars, severe aphid infestations or diseases in the foliage. If the problem cannot be treated easily, do not buy the tree. If you've already purchased the tree, return it to the nursery."



(Continued from Page 30)

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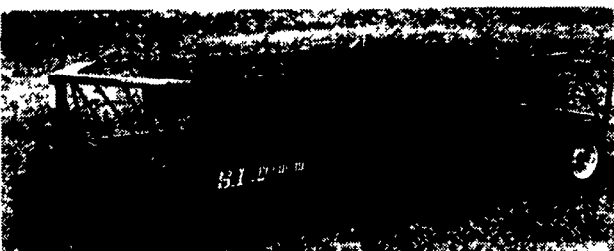
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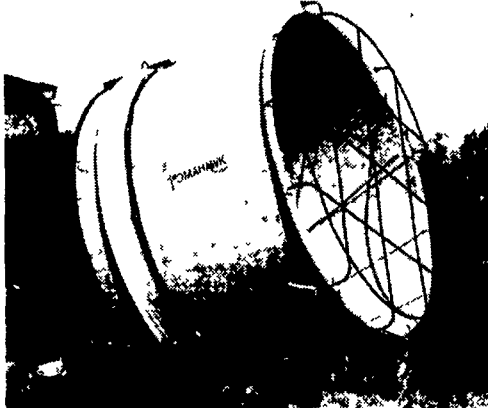
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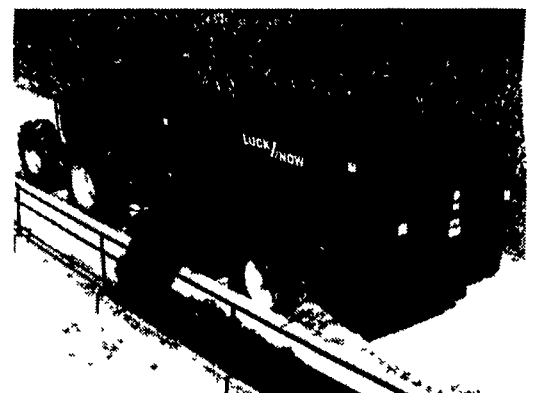
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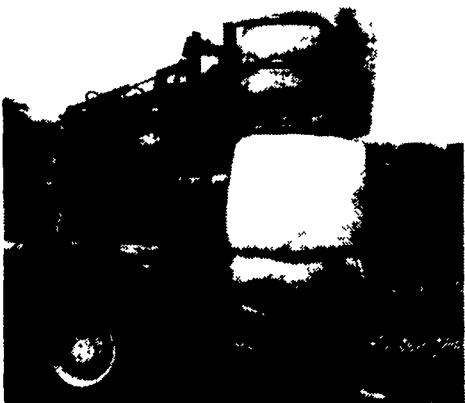
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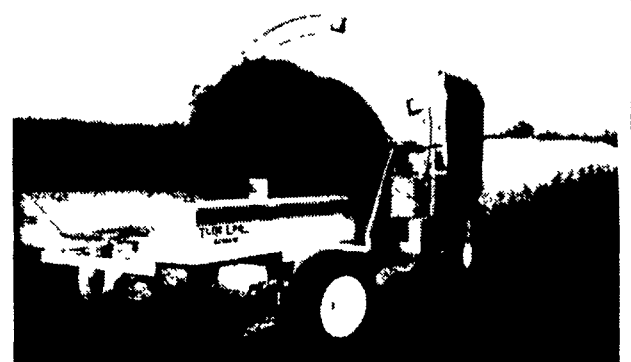
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NFU: Checkoff Reforms Are Big Step In Right Direction

WASHINGTON, D.C. — A slate of USDA recommendations to improve accountability in federal checkoff programs is a big step in the right direction, the National Farmers Union (NFU) said recently.

NFU has long advocated for

comprehensive checkoff reforms and has endorsed the adoption of recommendations made by a special USDA task force.

"These reforms will build accountability into the checkoff programs," said NFU President Leland Swenson.

"Producers fund these programs

and should have the right to vote them out if they are not operating in their best interests.

"We urge USDA to immediately hold referendums on the pork and beef checkoff since they have tens of thousands of signatures requesting a vote."

"We commend Secretary Glick-

man and Under Secretary Mike Dunn for backing all of the task force's recommendations," Swenson stated.

USDA Secretary Dan Glickman announced Dec. 15 he is backing all 21 recommendations of a task force set up to find ways to enhance oversight of agricultural

commodity research and promotion programs. Key recommendations include holding mandatory referendums at least once every five years to determine whether to continue checkoff programs and to require a super majority vote to establish new programs.

Other task force recommendations include requiring at least one public or consumer voting member on each board, improving diversity on the boards, requiring boards to use accepted auditing standards and competitive bidding, requiring written policies on travel and expense reimbursement, and providing more training.

Many of the recommendations will be published for comment in the Federal Register. Others will require legislative action.

Glickman Names Members

WASHINGTON, D.C. — U.S. Secretary of Agriculture Dan Glickman has appointed 37 members to the Cattlemen's Beef Promotion and Research Board.

All members will serve 3-year terms beginning Jan. 29, except for David J. Means, Mo., who will serve a 1-year term because of a resignation.

The board is composed of 110 members representing 37 states, three multistate units, and importers. The secretary of agriculture selects appointees from cattle producers and importers nominated by organizations representing beef, dairy, veal, and importer interests.

Appointed members representing cattle producers by state and unit are Alabama — Gregg P. Blythe; Arkansas — John W. Thomas; California — Paul T. Cameron; Colorado — Danny P. Todd; Florida — Kay M. Richardson; Idaho — James A. Little; Illinois — David W. Bateman; Kansas — Duane L. McHenry, Constance M. Kuhlman, and Richard J. Benoit; Kentucky — Joseph L. Burke, Jr., and James A. Tipton; Minnesota — Jon M. Gorder; Missouri — Benny D. Farrell and David J. Means; Montana—Lawrence A. Descheemaeker and Jane H. Lindgren; Nebraska — Alan J. Svajgr, Norman A. Guenther, and William

H. Rishel; New York — Justin J. Martin, Jr.; North Dakota — L. Jon Erickson; Oklahoma — Lisa K. Hefner and Terry L. Wyatt; Pennsylvania — Robert K. Hay; South Dakota — Arnold L. Wienk; Texas — John L. Cook, Robert E. Carter, Janet Lee G. Helm, Leonard H. Cornelius, Jr., and Vera E. Harrington; and Virginia —

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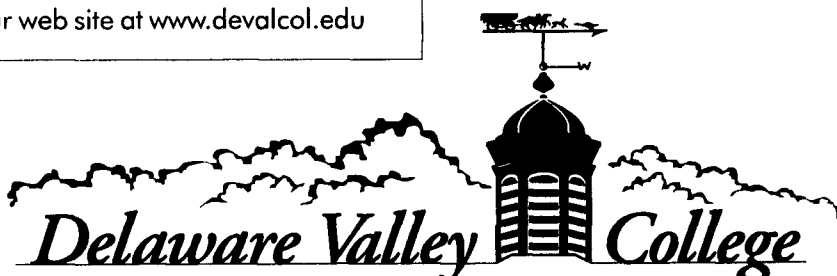
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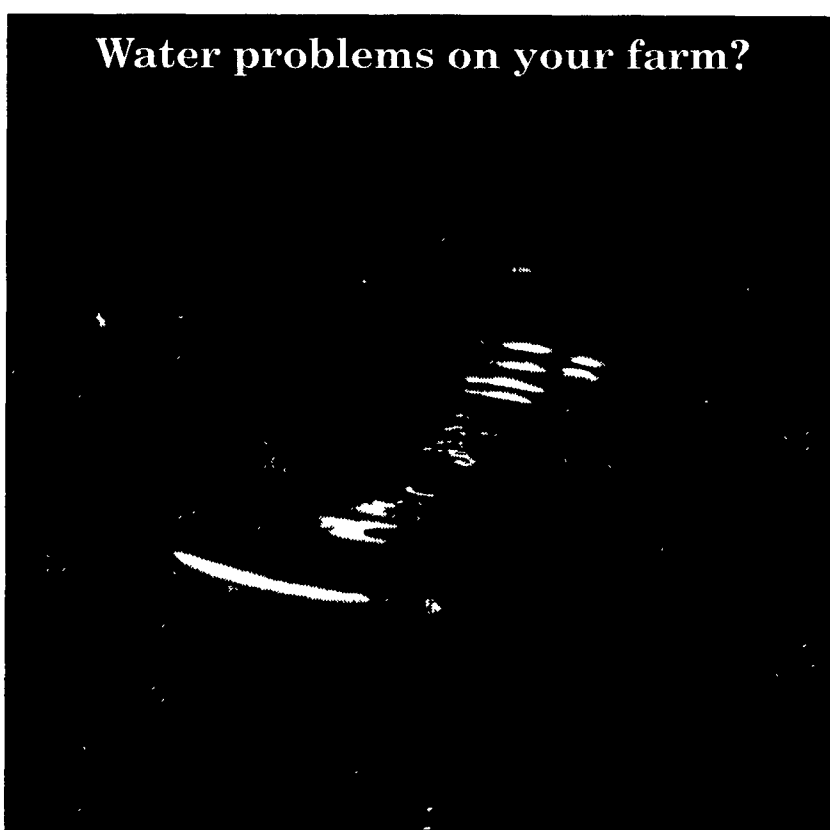
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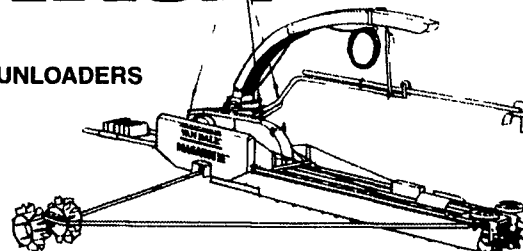
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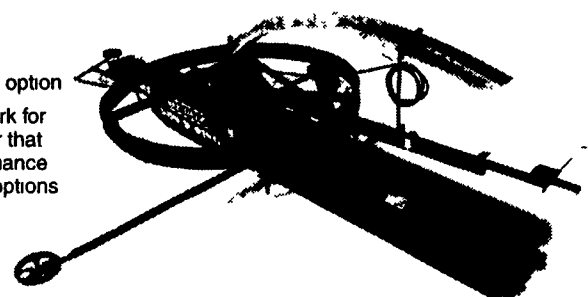
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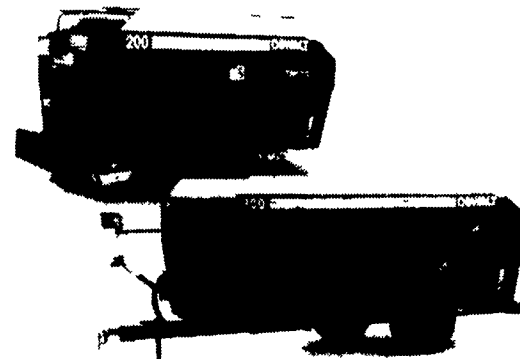
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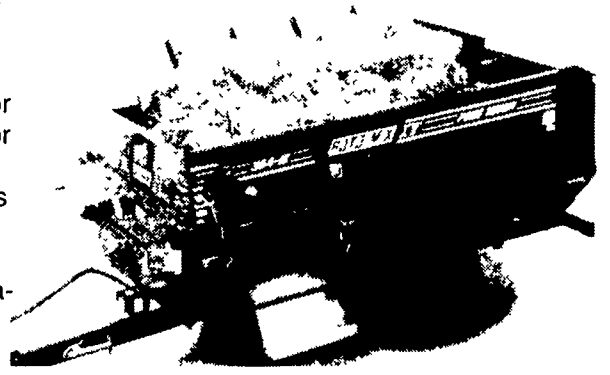
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Quest For Healthier Calves Begins With Dry Cows

MIDDLETOWN (Dauphin Co.) — The price your dairy bull calves fetch on the market offers a good indicator of the health of your replacement heifers and the success of your herd health and dry cow management practices.

Examine the past year's sale check stubs. If you waited to market your Holstein bull calves at three days to a week old, fed adequate colostrum early, and dipped their navels, but they still routinely sold below \$80, they're telling you something. If a number of the bulls you marketed brought \$25 to \$50, there is significant need for improvement in the dry cow program.

The current market for "return to farm" calves is \$1 to \$1.50 per pound, or about \$100 to \$150 for the ideal 100-pound bull calf. To achieve this price, a bull calf must weigh at least 90 pounds and be in good health and condition because veal growers select only strong healthy calves to return to farm.

A good place to start in the quest for premium bull calf prices and a corresponding healthier start for heifer replacements is the dry cow — specifically, nutrition, management, condition, and immune status. Routine scoring for body condition, improving dry cow nutrition, and raising the herd immune status produce economic benefits in the bulk tank, in fresh cow health, in the health and quality of replacement animals, and in the price received for the bull calves.

The Body Condition Score (BCS) of the cow at calving (too thin, or too fat) and prior medical problems such as milk fever, ketosis, mastitis, or infectious disease are two of the factors affecting the likelihood of an abnormal delivery. These factors are also linked to the future health, growth, and condition of the calf.

It is best to use the late lactation period to get the cow into the condition you want her calving. Ideally, she should be at BCS 3.2 to 3.5 by dry off and maintained in that condition

through the dry period. Achieving optimum dry cow condition and nutrition is a balancing act.

During the last three months of gestation, the growing calf puts its greatest nutritional demand on the cow. As milk herd forages have become "richer," more legume-based, harvested earlier, and more heavily fertilized, producers are often tempted to think of the dry cow ration as the place to utilize the "waste" feed on the farm.

Dry cows have different nutritional needs than lactating cows. They require more roughage, less concentrate, and do better when the level of fermented feeds in the ration is not excessive. They do not need, nor should they have, the forages that are produced with the milk cow in mind. However, this does not mean the dry cows are the dumping ground for poor quality leftovers, refusals, or moldy feed deemed unfit for the milking herd.

Plan the dry cow nutrition program around what the dry cows should be eating, not what the milk cows won't or shouldn't eat. Then produce, buy, and store the forages and ration ingredients designed to meet the needs of the dry cow and her growing calf.

Avoid over- or under-feeding energy, so the dry cows remain in optimum condition for calving. Watch intakes, especially during times of stress such as extreme temperatures. Adequate protein and energy are essential in the ration for the dry cow to maintain herself and grow her calf. Not only is this the basis for profitable milk production and fresh cow health, the result is a more vigorous calf, born in the condition to withstand stress. Plus the colostrum will be of higher quality for better transfer and absorption of the antibodies, which will protect the calf for the next four to eight months while its own immune system is developing.

A good dry cow program also addresses mineral and vitamin deficiencies. Consult the veterinarian and nutritionist to decide on a supplement that meets the needs of the cow and the growing calf. Vitamins A, D, and E do not cross the placenta — thus the calf depends on colostrum quality to receive these vitamins necessary for growth and immune system development.

Research demonstrates that colostrum from supplemented cows contains higher levels of these vitamins, and that calves born from supplemented cows have better antibody absorption from the colostrum. Testing the serum protein levels in sample

calves helps determine the quality of the colostrum being produced. If serum protein levels are below 5.5 grams per deciliter, improvements should be made for future calvings. Test kits are available to test the immunoglobulin status of the calf as well.

Knowing the immune status of the herd is also important. Work with the herd veterinarian to customize a vaccination program that improves fresh cow immune status for any contagious disease problems within the herd. To maximize antibody production for the colostrum, boost the vaccination program recommended by the herd veterinarian three to four weeks

before calving. This is also the time to begin feeding the prepartum transition diet.

Paying attention to the market value of dairy bull calves benefits the health, production, and profitability of the entire herd. Paying attention to dry cow management improves the health of herd replacement calves and increases the extra income derived from marketing the bull calves.

For more information about veal quality assurance program and dairy calf management, contact (717) 985-9125 or write to the American Veal Association, 1500 Fulling Mill Rd., Middletown, PA 17057.

Plants For Retail Trade Conference Features Bedding

ROCHESTER, N.Y. — Bedding plant sales offer farm marketers an opportunity to begin their season earlier and increase their profitability.

Steve Childs, a cooperative extension educator from Wyoming County, is bringing a series of discussions on operating a bedding plant business for retail trade to the New York State Farmers' Direct Marketing Conference.

The seminars will be conducted the morning of Tuesday, Feb. 1, at the Rochester Sheraton Four Points Hotel.

The discussions will include the basics of watering plants for retail, unusual bedding plant varieties, managing a bedding plant enterprise, and extending your season with color. Childs will be aided in these discussions by Luttie Batt, Bittersweet Farms; Steve Richards, Cornell Cooperative Extension from Erie and Wyoming counties; and Walter Nelson, Cornell Cooperative Extension of the South Central New York Commercial Horticulture Program.

This program will enable those marketers wishing to begin their season earlier and get the informa-

tion and assistance they need to get started in a bedding plant enterprise. For those already involved in raising bedding plants, this program will be a great refresher course in marketing skills you need to master to increase your sales and grow your business.

In addition to the bedding plant program, the conference offers three full days of sessions on direct marketing agricultural products of all types, including fruits and vegetables, bedding plants, maple syrup, Christmas trees, and other products marketed directly to the consumer. You'll learn about starting your own retail business, ways to expand your business with different product

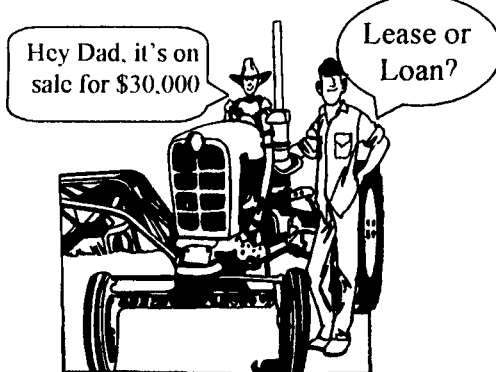
lines and different enterprises, and considerations for making competent and profitable business decisions. You can also visit a large trade show with vendors offering products that will help you with your direct marketing business. You'll find all kinds of packaging materials, gourmet foods, display units, seeds, agri-entertainment products, and others.

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Chamber Offers Farm Business Management School

LANCASTER (Lancaster Co.) — The Agriculture Committee of the Lancaster Chamber of Commerce & Industry will present Farm Business Management School 2000 on Wednesday, January 19, 2000 from 9 a.m. to 4 p.m. at Wizard Catering in Mount Joy.

often expresses his views on the future changes in agriculture and the challenges farmers face in employee retention and the implementation of new ideas and methods.

By attending the Farm Business Management School, farm operators and owners will receive valuable training on business and human resource topics directly related to managing today's complex farming operations. Participants will also have an opportunity to ask their own personal questions as a way to find answers to agriculture's tough business questions.

Cost of the Farm Business Management School is \$75 for Chamber members and \$100 for non-members. Class size is limited and all reservations and payments are due into the Chamber by January 10, 2000.

For additional information, contact Brent Landis at the Lancaster Chamber of Commerce, 717-397-3531, ext. 62.

Bernie Erven, a professor of Agriculture Economics and extension specialist at Ohio State University, will lead the seminar. He will focus primarily on human resource and farm and business management issues. Erven also

ATTENTION FARM MANAGERS

2000 Farm Business Management School

Wednesday, January 19, 2000

9:00 a.m. – 4:00 p.m.

Today's successful farmers realize the importance of future changes in agriculture and how to properly prepare for them. The seventh annual seminar on farm management, presented by the Agriculture Committee of The Lancaster Chamber of Commerce & Industry, is designed to assist farm managers through interactive education on topics concerning our agriculture industry.

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- Dealing with non-traditional employees in non-traditional ways
- Presenting farm views to a non-farm public
- Effective stress management
- Successful implementation of new ideas, methods & relationships

These topics are just part of the farm business school, a unique opportunity for farm owners and operators to receive valuable training on business and human resources topics directly related to managing today's complex farming operations. The limited class size and the chance for managers to bring their own personal questions makes this a unique opportunity to find answers to agriculture's tough business questions.

Bernie Erven is a professor of Agriculture Economics and extension specialist at Ohio State University. Mr. Erven focuses primarily on human resources and farm and business management. He dynamically expresses his views on the future changes in agriculture and the challenges farmers face in employee retention, stress, and implementation of new ideas, methods and relationships.

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DEADLINE: All reservations & payments due January 10, 2000

Please make all checks payable to the Lancaster Chamber – 2000 Farm School and return form to: The Lancaster Chamber, Brent Landis, P O Box 1558, Lancaster, PA 17608-1558 or FAX to 293-3159

If you have any questions call Brent Landis at the Lancaster Chamber at (717) 397-3531, ext 62

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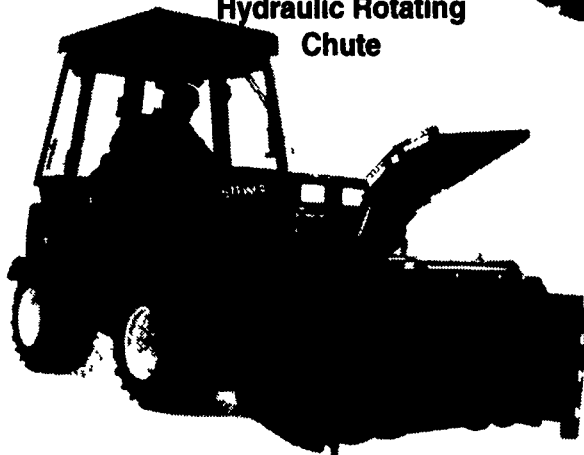
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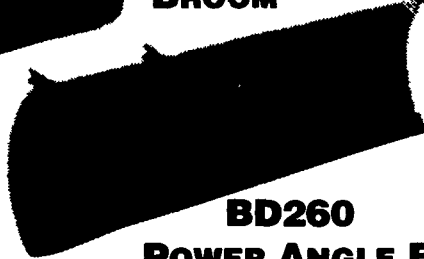
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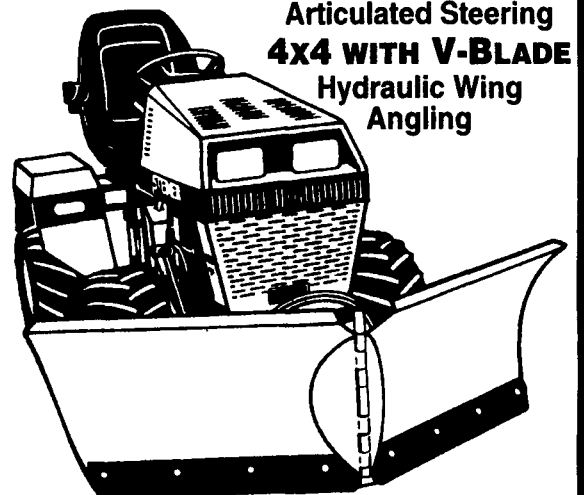
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Apple Maggot Studies Under Way At Ag Experiment Station

GENEVA, NY: For the last 20 years, European corn borers, scarab beetles, and German cockroaches had the run of the insectary, the electroantennogram, and the wind tunnel at the New York State Agricultural Experiment Station in Geneva. But a \$1.6 million grant from the National Science Foundation (NSF) is making room for maggot flies.

Charles E. Linn and Wendell L. Roelofs received the grant to study how populations of the pesky apple maggot, *Rhagoletis pomonella*, shifted from one host plant to another to become a separate species. The Cornell University entomologists will collaborate with Stuart Berlocher of the University of Illinois and Jeffrey Feder of Notre Dame on the five-year, interdisciplinary project.

"The grant is one of the first to be funded by the NSF under a new initiative that seeks to stimulate collaborative research in environmental biology," said Roelofs, who is the Liberty Hyde Bailey Professor of Biochemistry. "Over the last two decades, our lab has developed key technologies that make it possible for us to apply this kind of research to other species of insects, and we are excited to do so."

The NSF initiative is designed to meet a growing need for larger integrated research projects that address major issues across the fields of ecology and evolution. Environmental biology includes the fields of systemic biology, population biology, ecology, ecosystem studies, ecological and evolutionary physiology, and animal behavior.

"Aspects of our project fall into all the fields the NSF is interested in with this new initiative," said Linn, the senior research associate on the project whom Roelofs credits for tapping into the five-year "Mother Lode" from the NSF. "The biology of the *R. pomonella*

fly makes them ideal for research on the ecology of speciation. We hope to use them to help answer questions in ecology, behavior and genetics," said Linn. The NSF recognizes that insects are model systems for higher orders of animals, including humans. Solving questions of insect behavior helps shed light on the larger questions of evolution that plague biologists.

The research has applied implications as well. *R. pomonella* is a major pest of apples, and related species attack cherries, blueberries, walnuts, green peppers, tomatoes, and several other crops. By deploying the tools of molecular genetics, the researchers hope to understand exactly how flies of one species spread to different host plants and why domesticated plants are attacked—research that could have important consequences for designing effective pest management schemes for these related maggot species.

"Dr. Stuart Berlocher and Jeffrey Feder have been working on the *Rhagoletis* flies for many years trying to determine the genetics of host plant shifts, but have been stymied because they could not assay hybrid flies for their behavioral responses to host odors," said Roelofs. "When we developed the techniques to identify key volatiles and to study the attraction of flies to the various volatiles, the whole project became possible. The NSF has recognized that we need all of our research labs working together to go to the next level on this research."

Roelofs and his associates have devoted 30 years to unraveling the secrets of insect communication. It is this track record that helped them secure the prestigious NSF grant. They have documented that sex mating behavior between males and females is chemically linked to odors known as sex pheromones, and determined how male

insects receive the blend. In current research involving antennal lobe transplantation in European corn borers, they are studying how insect behavior is mediated in the central nervous system and how the behavior is genetically and hormonally controlled.

Several technologies developed and refined at the Geneva Station will be used to achieve the goals of the NSF grant. Several techniques for identifying host odors or volatiles were combined and applied to insects by Aijun Zhang and Roelofs using Solid Phase Micro Extraction (SPME), Gas Chromatography (GC), and Electroantennogram Detection (EAD). In the SPME phase, a tiny needle is used to absorb volatiles from the fruit, and inject them directly into the gas chromatograph, without contamination by solvents at the concentration the flies encounter in the field. Using an antenna from the insect itself as a detection device (EAD), the researchers determine which fruit chemicals or volatiles trigger the insect's response. Using a flight tunnel he developed, Linn then tests the adult insect response to the volatiles of the various host plants. Throughout the entire process, larvae and adults are gathered in the field. Subsequent generations are reared in growth chambers called insectaries, where diet and environment are very closely controlled by Harvey Reissig's research group. The Barton Lab insectary at Geneva is the insect equivalent of the Bronx zoo.

Under the NSF grant, further

work will involve hybridization studies to cross flies and test the behavior of subsequent generations. The populations with a given set of mating behaviors will be sent to Illinois and Notre Dame where researchers will use advanced molecular mapping techniques called quantitative trait loci (QTL) to determine which genes control host plant specificity and where those genes are located in the chromosome.

Roelofs is one of the principal figures in the field of insect biochemistry. His identification and synthesis of a series of sex pheromones from the Oriental fruit

moth, the redbanded leafroller, and the European corn borer, together with the novel approach of using electroantennogram (EAG) bioassays, led to the development of the biocontrol of insects as an alternative to pesticides. For this work, he received the prestigious Wolf Prize for Agriculture in 1982.

But Roelofs is as humble as he is competitive on a tennis court and team-oriented in the lab. "I am like the 'coach' of our research team. The real players are the academicians and technicians who are doing the work in the laboratory."



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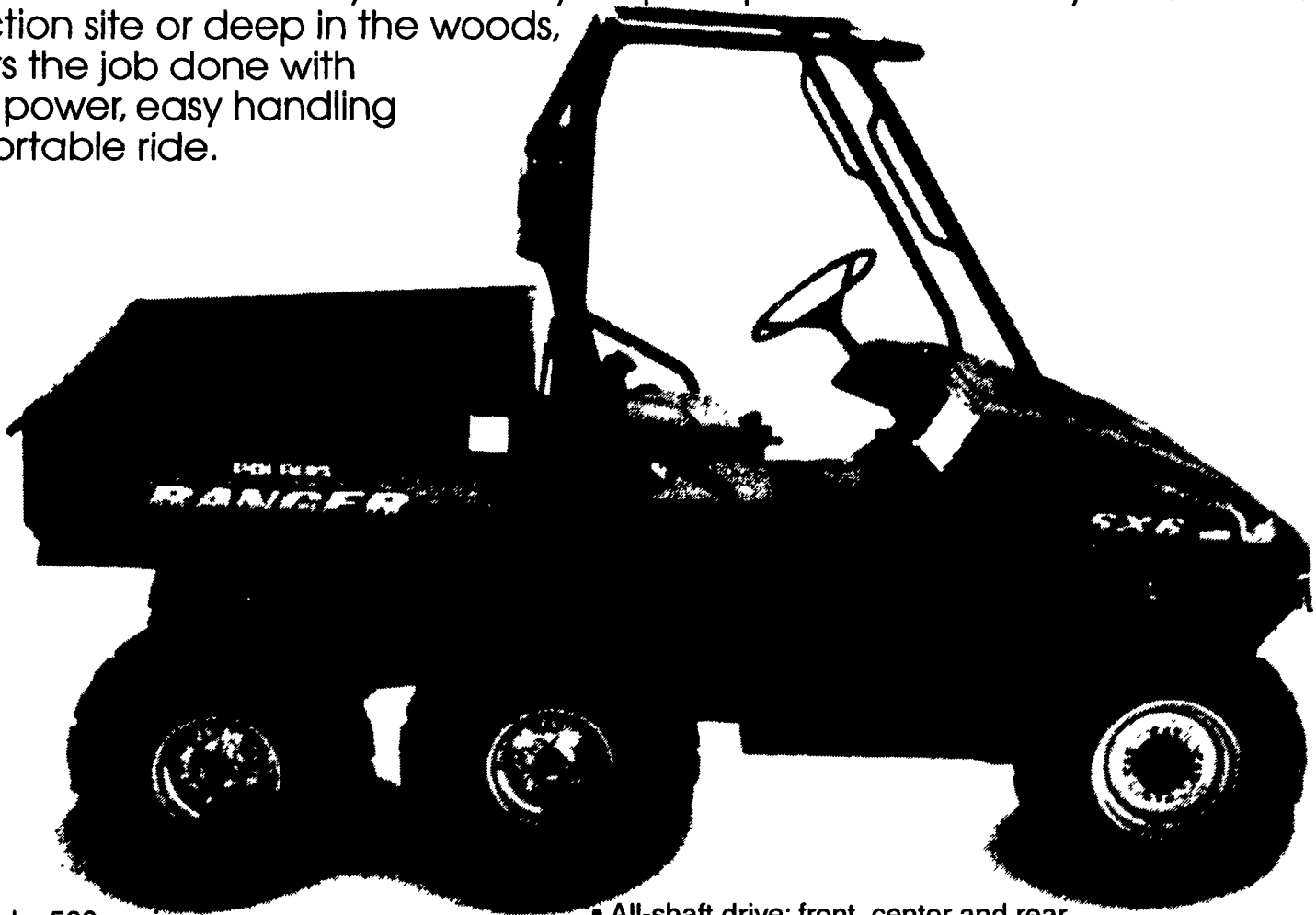
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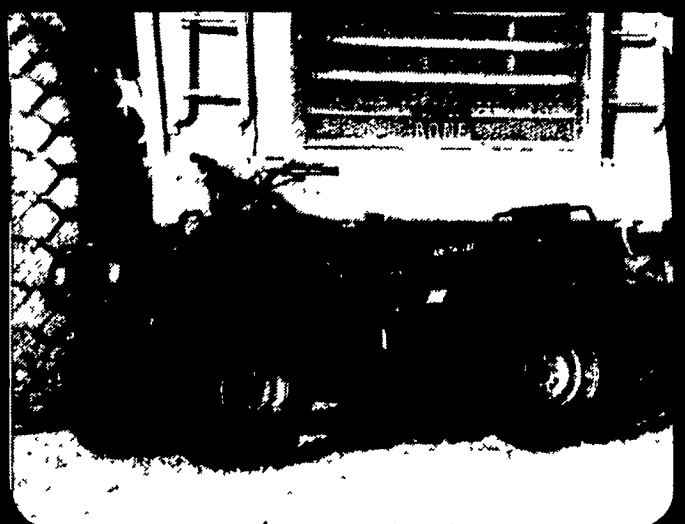
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Warren 4-H Leader Receives National Award For Natural Resource Work

UNIVERSITY PARK (Centre Co.) — David F. Miller, consulting forester and 4-H volunteer leader from Warren, received this year's National 4-H Wildlife and Fisheries Adult Volunteer Leader Award at the 64th North American Wildlife and Natural Resources Conference in Burlingame, Calif.

"Dave is a perfect example of a stellar youth leader," said Adam Downing, Penn State Cooperative Extension 4-H and forestry agent in Warren County. "It's rare to find someone with not only the desire to help local youth, but also the commitment to stick to it and make a difference."

Sponsored by the U.S. Fish and Wildlife Service and the Cooperative State Research, Education, and Extension Service of the U.S. Department of Agriculture, the National 4-H Wildlife and Fisheries Adult Volunteer Leader Award honors six outstanding 4-H leaders each year. Other sponsors include the Wildlife Management Institute, the International Association of Fish and Wildlife Agencies, the Boone and Crockett Club and the National Rifle Association.

Winners are selected based on their experiences, accomplishments and future plans as 4-H wildlife and fisheries leaders, as well as their 4-H leadership in other areas and other natural resource involvements. Each winner receives an engraved plaque and an original watercolor painting by a nationally known wildlife artist.

Miller led the "Woodswanderers," a 4-H wildlife club in Warren, for 10 years. The club met monthly and completed many field trips and educational tours. "Some of our most enjoyable trips have been the evening barred owl surveys, taxidermy demonstrations, wetland

tours, sawmill and paper mill tours, night raccoon hunts and all-day shooting sports and archery field days," Miller said. "Just for fun, we've also built campfires, roller-skated and gone sledding."

The "woodswanderers" also got involved in community service projects, such as participating in the Adopt-a-Highway program, preparing Christmas breakfast boxes for elderly shut-ins and battered women, planting wildlife food plots on national forest lands,

and building wildlife brushpiles on state gamelands and county conservation lands.

"Volunteering has been enormously rewarding," Miller said. "Seeing the interest in the outdoors that these kids have and helping them develop their skills and knowledge gives me the incentive to continue."

Miller credits the kids' parents and the Penn State Cooperative Extension staff, as well as the following public agencies and private

businesses that donated time, facilities and materials: the U.S. Forest Service, Pennsylvania Bureau of Forestry, Pennsylvania Game Commission, U.S. Fish and Wildlife Service, Army Corp of Engineers and the Warren County Conservation District.

"Local sawmills and stores also have donated lumber and hardware so we could build bird feeders and bluebird houses to enhance bluebird habitats," Miller said. "It's very uplifting to know that so

many individuals are willing to help when it comes to our kids."

Miller hopes to impress on young people the importance of conserving our renewable natural resources, and to make them aware of the value and enjoyment of wood products, hunting, fishing, outdoor recreation, water quality and habitat protection. "Kids need to be informed so they'll make good decisions about natural resources when they're adults," he said.

Barber Receives New York Farm Bureau's Top Honor

ALBANY, N.Y. — J. Roger Barber of Barber Farms in Schoharie County, received New York Farm Bureau's distinguished service to agriculture award for 1999 during ceremonies at the organization's state annual meeting. The award is presented each year to an individual whose career reflects high concern for the agricultural industry and whose achievements have contributed to the betterment of farms and farm life.

"On behalf of the more than 30,000 New York Farm Bureau members, I am extremely pleased to be able to present this award to Roger," said John Lincoln, president. "I have known and worked very closely with him on many projects and issues over the years and he is truly deserving of this recognition."

Barber is widely known as the Commissioner of the New York State Department of Agriculture and Markets during the term of Governor Hugh Carey. However, Roger has been a champion of agriculture all his life. He was the very first New York Farm Bureau membership chair and served as

the president of the Schoharie County Farm Bureau. In 1968, he was elected to the New York Farm Bureau state board of directors and chosen vice president in 1973, a position he held through December 1975.

He was raised on the family farm near Middleburgh in Schoharie County, the same farm that was purchased by his family in 1857. This year's honoree has been involved in a multitude of agricultural organizations including: the Holstein Association, New York State Agricultural Society, LEAD-NY, The Cobleskill College Foundation, The National Commission for Small Farms, the State Committee of the Farm Service Agency, the Farm Credit System, the Governor's Task Force for Agriculture with Ag Commissioner John Dyson in 1974 and many others.

During the time he served as NYFB vice president, he worked with other Farm Bureau leaders to establish the Milk Producers Security Fund. He has also been very involved in local politics. In 1961, his constituents chose him as the

Supervisor of the town of Fulton, serving a total of six years on the county board of supervisors and two terms on the local school board.

Awards are many for Roger, including the State University's New York Distinguished Citizen Award in 1990 and most recently the New York State Agriculture

Society's Distinguished Service Citation in 1998.

"His strong leadership and sincere interest in the health and vitality of the Agriculture Community in New York State through the years make him the perfect choice for this prestigious award," added Lincoln.

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New Feature Added To February Draft Horse Sale

HARRISBURG (Dauphin Co.) — The committee in charge of planning the annual Pennsylvania Draft Horse Sale here at the State Farm Show Complex has announced plans to include Haflinger ponies in the year 2000 sale.

The Haflinger breed originated in Europe toward the end of the last century. The area of Eastern Europe known as the Tyrol was the first home of the breed.

The forward progress of breed development was interrupted by the two world wars. The result of World War I was the redistribution of land between Switzerland and Italy. Before the war, Austria had established itself as the recognized source of breeding stallions and Switzerland as the best source of brood mares.

After the war, the region of Switzerland that was home to the broodmares became part of the country of Italy. Progress in breed development was slowed until the two countries once again realized their interdependence and began to cooperate in matters of state.

Both world wars interrupted breed progress by conscripting all horses for the army. When the American Army took over Europe after World War II all horses were requisitioned and many were slaughtered to provide sustenance for a hungry populace.

Recognizing the value of the Haflinger breed however, 30 of the best stallions were saved for breeding and sent to the high pastures. Soon after, the herdsman sent to care for them was found tied up and all the horses gone never to be found.

Haflingers were originally bred to work in the high pasture fields of Switzerland and Austria which accounts for their smaller size and smaller surer feet. Haflinger ponies are very like Belgian breed found in North America today in

many ways except overall size. The most popular color of the two breeds is red sorrel with white mane and tail and a full blaze. Both are for the most part very docile and pleasant to work with and both have a very loyal following. Other breeds of draft horses at the sale will be Percheron and possibly Clydesdale, Shire, and Suffolk.

Horse breeding is a very big industry in our world today. The number of horses living in our day significantly outnumber those living when horses were in their heyday, before the advent of the combustible engine. All of the draft breeds have experienced significant growth in registrations every year for the past number of years. Thousands of horse lovers have

discovered the pleasure of working with draft horses. Shows, old-time farm days, plowing contests, pulling competitions, and the annual Horse Progress Days supported by the manufacturers of new horse drawn farm machinery all enjoy strong support and growth in interest and attendance.

The annual Pa. Draft Horse Sale will be conducted Feb. 16 at the Farm Show Complex in Harrisburg. Horses will be accepted beginning at 8 p.m. Tuesday, Feb. 15. The sale will begin at 8 a.m. on Wednesday with tack and draft horse-related items. The draft horses will sell at 10 a.m. When the drafters have all been sold, more tack will be sold, and at 6 p.m. the Haflingers will be sold.



The committee in charge of planning the annual Pennsylvania Draft Horse Sale at the State Farm Show Complex has announced plans to include Haflinger ponies in the year 2000 sale. The annual Pa. Draft Horse Sale will be conducted on Feb. 16 at the Farm Show Complex in Harrisburg. Al Reist accompanies Clydesdales and Belgians.

New Vegetable Crops Breeder Begins Work At Cornell

GENEVA, N.Y. — Dr. Phillip D. Griffiths has joined Cornell University's department of Horticultural Sciences at the New York State Agricultural Experiment Station.

The newly appointed assistant professor will establish a vegetable breeding program to address the needs of the New York State crucifer industry. He will be working to breed new, high quality varieties of cauliflower, broccoli, and cabbage that are disease- and pest-resistant.

"Phillip's experience in disease resistance breeding is a much needed component of the Station's vegetable breeding program," said department chair, Hugh Price.

Griffiths' background is in genetics and molecular biology coupled with a working knowledge of conventional plant breeding. His experience working with

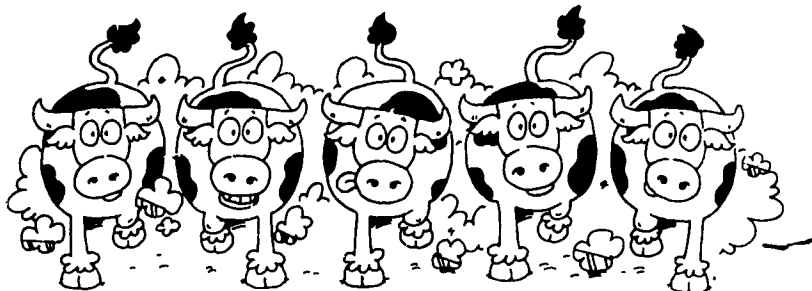
the Florida tomato industry is considered a tremendous asset as he develops his own program working with cruciferous crops.

Griffiths looks forward to the challenge of adapting his breeding methods to new vegetable crops and to implementing modern molecular techniques in a traditional breeding program. He expects to help the New York State vegetable industry in numerous ways, including the development of varieties that are resistant to black rot. He will be a solid contributor to the New York State crucifer industry.

Griffiths, who is from Southeast Wales, received his bachelor's degree in genetics in 1990 from the Department of Genetics, Queen's Medical Center, University of Nottingham, U.K. His undergraduate research was on the linkage of the alcohol dehydro-

genase enzymes to sexual selection in seaweed flies. He received his master of science in plant breeding in 1993 from the Department of Agronomy, University of Wales and the Institute of Grassland and Environmental Research/Welsh Plant Breeding Station. His master's research focused on environmental and genotypic effects on endopolyploidy in the epider-

mal tissues of *Lolium perenne* and *L. multiflorum*. He received his doctorate in horticultural sciences in 1998 from the University of Florida at Gainesville, where his research centered on the introgression of tomato mottle virus (ToMoV) resistance genes from wild accessions of *Lycopersicon chilense*.



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Farmers' Market Managers, Farmer/Vendor Training Schools Set

SYRACUSE, N.Y. — The Farmers' Market Federation of New York has teamed with the NYS Farmers' Direct Marketing Association to bring a full day of training seminars to farmers' market managers, sponsors, farmers, and vendors.

The training school will be Jan. 31, 2000 in Rochester, N.Y. This is in conjunction with the NYS Farmers' Direct Marketing Conference sponsored each year by the NYS Farmers' Direct Marketing Association.

Participants will be able to attend a variety of instructional sessions sponsored by the Farmers' Market Federation, visit a trade show with vendors specializing in direct farm marketing, and enjoy the company of others with the same interests and businesses as you.

A concern of many market managers and sponsors is farm inspections. These inspections are often necessary as disputes arise over possible market rules infractions and FMNP misuse. The first session of the day will be farm inspection training.

The Greenmarket inspector, Carolyn Lasar, and Tony Manna, executive director of the Greenmarkets will share skills, techniques and knowledge to help others perform effective and relatively pain-free inspections. They'll help us to understand how to verify a crop plan and determine eligibility for the FMNP and for selling at a market based on a grower only or percentage of homegrown rule.

Most every market is looking to add to their customer base. One "demographic" that markets often lack is the restaurant trade. Restaurant owners and chefs can mean a great deal of repeat business to a market. But what exactly are they looking for and how do

we convince them that the farmers' markets have what they want? An executive chef in Rochester, Richard Reynolds of Woodcliff Restaurant will explain just what it takes for a market and a farmer to attract restaurants and chefs to a market and keep them coming back week after week.

The Ithaca Farmers' Market has come up with a very effective plan for attracting new farmers and vendors to their market. The program, called the "Easy Entry Program" offers newcomers an incentive to try the market out for a season before they must make a financial commitment for market membership. Andre Goncorovs, a member of the Ithaca Board of Directors will share the details of the program with you. You may be able to take home the kernels of an idea that will grow into your own plan to increase your farmer and vendor base.

Market farmers and vendors will have their own training sessions held concurrently with the managers training sessions. These classes include such things as how to deal with problem customers. This session will be presented by a group of marketers from the Rochester farmers' market. Their presentation will be a fun learning experience using skits and role-playing.

Next, Monika Roth, from Cornell Cooperative Extension in Tompkins County, will give a talk on what makes a market stand "stand out" from the others. Her presentation will include a slide presentation of examples of attractive and effective displays — they draw the customer's attention and invite them to purchase the products they see.

Monika will also be presenting a panel of marketers of niche products. The marketers will talk about how and why they got in-

involved in their particular product line. They'll stress the importance of finding your own place in the mix of products at your farmers' market and then making that niche work to your best advantage.

After lunch, market managers, sponsors, farmers, and vendors will come together for joint sessions. The Warwick Valley Farmers Market and the Downtown Syracuse Farmers Market will give presentations on their guerilla marketing techniques. These two markets are excellent examples of how markets can promote their

markets effectively on a shoe-string budget. Their style of marketing makes use of free publicity, special events and entertainment, promotional sales material and friends of the market campaigns.

For the last session, Anu Rangarajan, an assistant professor with Fresh Market Vegetable Production at Cornell University, will give a presentation on the "Fresh Now Series." This is a series of informational brochures and press materials promoting New York State grown products that she developed with Jennifer Wil-

kins, professor of Nutrition, Cornell University. Anu would like to not only tell you about the program, but she would also like your feedback. This will be an opportunity for you to get involved in a project that Cornell is working on for your benefit.

For more information on the training schools, the Direct Marketing Conference, Trade Show and registration information, contact Diane Eggert at the Farmers' Market Federation, (315) 656-9977.

USDA Implements Additional Digital Imaging Sites

WASHINGTON, D.C. — The USDA is expanding the availability of new digital imaging services at 12 major city terminal food markets throughout the country.

The Fresh Products Branch of USDA's Agricultural Marketing Service has equipped inspectors in the designated market offices with digital cameras and enhanced computer technology for taking and transmitting images of produce or containers.

AMS is offering the images to applicants over the Internet as an additional resource in its fresh fruits and vegetable inspection service. Inspectors also use the imaging to confer with produce quality experts working in USDA's headquarters in Washington, D.C.

The imaging provides a quick, visual confirmation of product

appearance and defects, damage from shifted loads, brands and container markings, and container conditions.

"Digital imaging technology backs up our inspection standards and can help the produce industry quickly resolve disputes over the quality or condition of shipments," said Michael V. Dunn, Undersecretary for USDA's Marketing and Regulatory Programs. "This service is important when considering the perishable nature of fruits and vegetables."

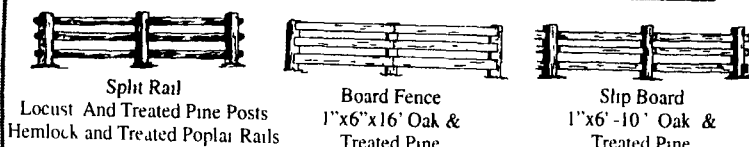
Digital images may be requested by any financially interested party by contacting Fresh Products Branch market inspection offices. Charges are based on a hourly rate of \$43, with a one-hour minimum. The digital images may be viewed on the applicant's

computer screen and are password-protected to ensure privacy.

For additional information, contact the AMS Fresh Products Branch headquarters at (202) 720-5870. Market offices may also be contacted directly: Boston, Mass., (617) 389-2480; Bronx, N.Y., (718) 991-7665; Chicago, Ill., (630) 794-0754; Dallas, Texas, (214) 767-5337; Baltimore-Washington, D.C., (301) 317-4387; Los Angeles, Calif., (323) 725-0442; Miami, Fla., (305) 870-9542; Newark, N.J., (973) 645-2636; Philadelphia, Pa., (215) 336-0845; Pittsburgh, Pa., (412) 261-6435; San Francisco, Calif., (650) 876-9313; Seattle, Wash., (253) 859-9801; and the AMS oversight office in North Highlands, Calif., (916) 332-4758.

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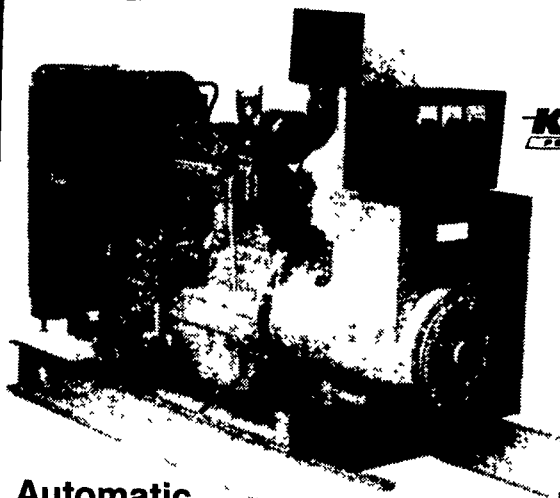
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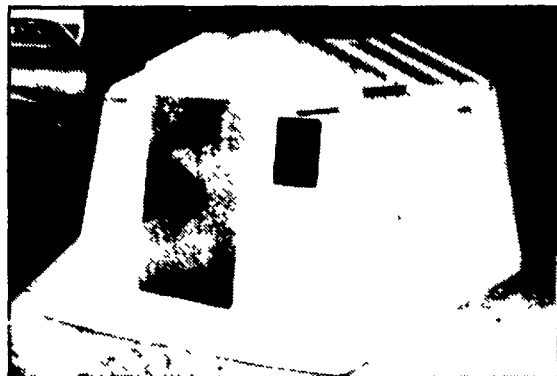
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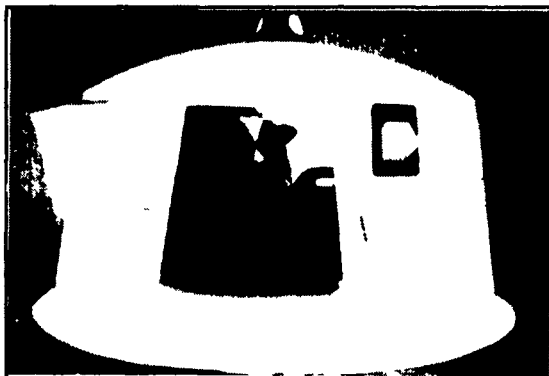
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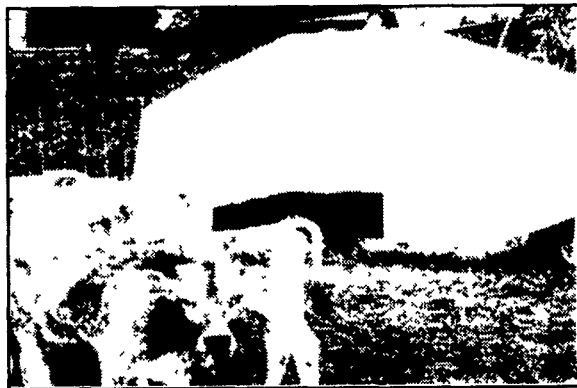
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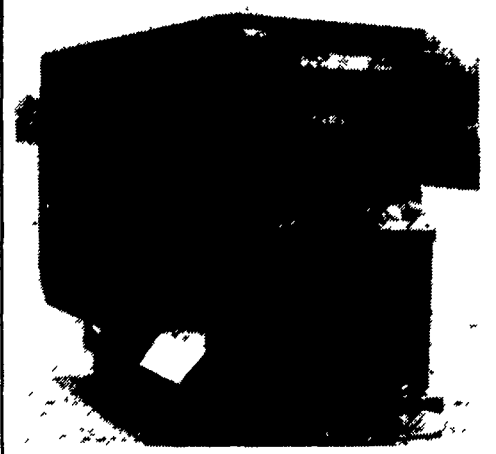
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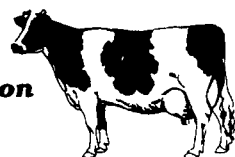
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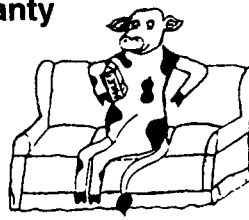
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Maryland DHIA Report For November

The November Dairy Herd Improvement information for dairy herds from the DHI processing center in Provo, Utah. The list includes herds from Maryland, Pennsylvania, and West Virginia. The information is listed by herd name, county association, number of cows in the herd and the average production per cow in the herd based on Energy Corrected Milk (ECM). ECM combines milk production and components.

The ECM formula is: $(7.2 \times \text{lbs. protein}) + (12.95 \times \text{lbs. fat}) + (.327 \times \text{lbs. milk})$. To be included, the herd must have 10 cows averaging 65 pounds or more of ECM per cow, per day. All herds reported are on official DHI or DHIR test. Also listed are the top ten herds in Maryland for the Brown Swiss, Guernseys, and Jerseys, and the top seven herds for Ayrshires.

Herd Name	Cows In Herd	ECM	Herd Breed
Steve & Christine Wood	69	83.4	Holstein
Dairy Cattle Research	121	69.0	Holstein
Steve Wilson	191	69.7	Holstein
Meadow Lane Farms	29	77.4	Holstein
Faithland Farm	251	73.7	Holstein
Richard Edwards	392	73.1	Holstein
Hollingsworth Daniel 3	51	71.8	Holstein
Maple Lawn Farm, Inc	148	84.7	Holstein
John Miller	13	80.8	Holstein
Unicorn Associates Inc	154	79.8	Holstein
Mid - Carrollton	46	79.7	Holstein
Cranberry Meadow Farms	180	76.7	Holstein
Misty Dell Acres	10	76.4	Br Swiss
Joe A Schwartzbeck	162	76.0	Holstein
Charles L. Lethbridge	87	75.3	Holstein
Byron D Stambaugh	133	74.3	Holstein
Derrwyn Holsteins	66	73.7	Holstein
Flint Hill Farm	62	73.3	Holstein
D. Richard Flickinger	134	73.2	Holstein
Close, Carl E.	165	73.1	Holstein
James & John Myers	79	72.9	Holstein
Gemstone Farm	68	72.8	Holstein
Garstlyn Holsteins	19	72.1	Holstein
Thomas H. Muller	118	71.7	Holstein
Jerry & Rick Lease	87	70.1	Holstein
Eric & Faith M. Burall	11	69.8	Br. Swiss
Panora Acres Inc.	183	69.7	Holstein
Orion View Holsteins	93	68.9	Holstein
Ash & Bear	55	68.4	Holstein
Mike & Anita Haines	73	67.9	Holstein
Mal-Lene Farm	61	66.7	Holstein
Cedar Knoll Farms	95	65.6	Holstein
Mayer's Stoney Point	46	65.5	Holstein
Glenn D Kiser	80	65.1	Holstein

Steve Carson	35	75.4	Mixed
Long Green Farms Inc	111	71.9	Holstein
Wil-O-Mar Farm	101	68.4	Holstein
Savage-Leigh Farm	206	91.4	Holstein
Dool-Leigh Farm	119	91.0	Holstein
O Clayton Smith	91	89.9	Holstein
Dave & Carole Doody	135	89.2	Holstein
Wayne Z Tucker	202	87.5	Holstein
Fir-Thorne	75	85.6	Holstein
Enfield Farm	104	85.3	Holstein
Hollow Valley Farm	87	85.1	Holstein
Smith-Mead Farm	105	84.7	Holstein
Paul R Dotterer	88	84.4	Holstein
Paul K Coblenz & Sons	365	83.4	Holstein
Glen-Toctin Farm	121	82.3	Holstein
K Scott & Judy Hood	31	80.1	Br Swiss
Hobble-Hill Holsteins	91	79.6	Holstein
K Scott & Judy Hood	32	79.4	Holstein
Glade-Rock Farm	125	79.3	Holstein
Gaywinds Farm	53	79.2	Holstein
Willard W Horton Jr	69	79.1	Holstein
Leigh Castle Holsteins	119	76.7	Holstein
Fir-Thorne-B	51	76.7	Br Swiss
G Donald Shafer & Son	145	75.7	Holstein
Mike & Lisa Gaver	75	74.6	Holstein
Warner Bros. Inc	163	74.4	Holstein
Glenn Beard	87	73.8	Holstein
Taylor Made Farm	61	73.5	Holstein
Hara Vale Farms	78	73.0	Holstein
Harsham Partners	138	72.3	Holstein
Walnut Ridge Farm	80	72.0	Guernsey
Plain Four Farms	113	71.8	Holstein
Ronald & Ruth Cline & Farm	126	71.0	Holstein
Franklin M. Stottlemeyer	51	70.9	Holstein
Gaywinds Farm	82	70.7	Jersey
Chuck Fry	116	70.7	Holstein
Vales - Pride Ayrshire	40	70.1	Ayrshire
Glenn Beard	14	69.1	Jersey
James E. Roderuck	68	68.8	Holstein
Snow Hill Farm	168	68.7	Holstein
Wayne Burdette	110	68.7	Holstein
MD-Garden Spot Farm	85	67.1	Holstein
Jerry & Dawn Murphy	65	67.0	Mixed
Vales - Pride Holstein	119	66.4	Holstein
Majestic-Vu Farm	64	65.8	Holstein
Venture & Luck Farm	214	65.6	Holstein
Dyke & Mary Garver	94	65.2	Holstein
Philip Beachy	76	96.4	Holstein
Jerry L Yoder	62	90.8	Holstein
Menno J. Yoder	60	79.5	Holstein
Wayne E. Schrock	49	79.5	Holstein
Glover Farms	64	79.4	Holstein
Gap Run Farm Inc.	81	77.5	Holstein
David W. Yoder	44	77.4	Holstein
Piney Run Farms	124	77.4	Holstein
Tobie Kinsinger	28	77.2	Holstein
Kenneth L. Yoder	88	76.2	Holstein
Mar-K Farms	63	75.9	Holstein
Bender, Carl	127	75.5	Holstein
Delvin Mast	203	75.1	Holstein
Paul & Henry Kinsinger	77	73.2	Holstein

Andrew W. Schrock	48	72.1	Holstein
Paul Yoder	103	71.7	Holstein
Randal Beitzel	65	71.4	Holstein
Arlin Maust	71	69.8	Holstein
Melinda Thomas	21	69.7	Holstein
Ernest & Dan Ganoe	138	69.5	Holstein
Charles Mason Jr	73	69.3	Holstein
Alton & Barbara Kauffman	59	69.0	Holstein
Gladheart Holsteins	28	69.0	Holstein
Rufus Peachey	63	68.3	Holstein
Calvin Schrock	60	67.6	Holstein
Fred Petersheim	49	67.6	Holstein
Art Maust	51	65.9	Holstein
Gary McClintock	76	65.0	Holstein
Green-Castle Swiss	13	87.1	Br. Swiss
Ehrhardt Farm Inc.	266	81.2	Holstein
Stephen C Trout	43	76.8	Holstein
Eternal Flame Holsteins	176	73.6	Holstein
Dublin View Dairy	80	72.2	Holstein
My-Ladys-Manor Farm	331	72.0	Holstein
Strawberry Hill Farm	143	70.9	Holstein
Brick House Farm	218	68.8	Holstein
Lovdal Farms	72	68.7	Holstein
David Hopkins	77	65.9	Holstein
Clair E. Raffenberger Jr	62	65.7	Holstein
David & James Patrick	135	85.7	Holstein
University of Maryland	95	73.5	Holstein
Patrick, David & James	59	72.1	Ayrshire
Bowling Green Farm	153	71.2	Holstein
Brick House Fm. Inc.	77	80.6	Holstein
Jonas & Ruth Stoltzfus	92	77.6	Holstein
Lisa Reinhold	12	77.6	Mixed
Hills Dairy Partnership	141	76.1	Holstein
Greenwood Acres	79	75.0	Holstein
Wm. & Kathleen Schrodel #2	153	73.8	Holstein
Lee McHenry	47	72.1	Holstein
Friendship Farms, Inc.	90	71.7	Holstein
Clover Leaf Farm	70	70.4	Holstein
John Cahall	45	70.2	Holstein
P. Thomas Mason	70	69.2	Holstein
McGuire Bros., Inc.	88	68.5	Holstein
R. & E. Brink	77	67.4	Holstein
Keith Dixon	30	65.6	Guernsey
Mendelssohn Terrace Farm	109	82.1	Holstein
H.M. & F.C. Ensor	200	73.4	Holstein
Kevin & Laurie Savage	31	72.0	Holstein
Rudell C. Beall & Sons	181	70.9	Holstein
Beneva Farms	74	68.0	Holstein
Rudell C. Beall & Sons	10	66.8	Br. Swiss
Vossmon Farm	60	72.7	Holstein
Brookdale Holsteins	85	74.9	Holstein
Cessna Bros. Farm	65	71.1	Holstein
Charles E. Twigg	25	70.3	Holstein
Potomac St. College	63	68.4	Mixed
Lester C. Jones, Inc.	1167	86.4	Holstein
Wintacres	80	79.2	Holstein

(Turn to Page 45)

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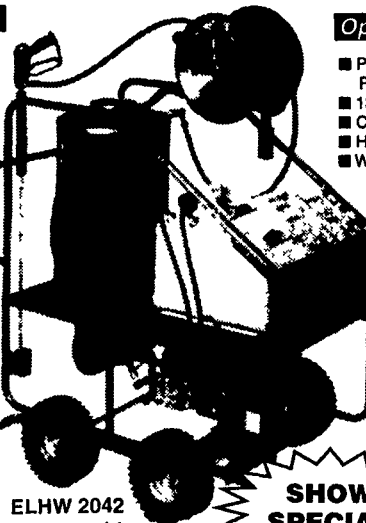
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County Ass'n	Herd Name	# Cows in Herd	FCM
Howard	David & James Patrick	59	72.1
Frederick	Vales-Pride Farm	40	70.1
Baltimore	William Warns Farm	11	57.0
Carroll	R-Lynn Farm	17	57.0
Frederick	Homestead Farm	20	55.1

HIGH HERDS FCM BY BRFFD

BROWN SWISS

County Ass'n	Herd Name	# Cows in Herd	FCM
Hartford	Green-Castle Swiss	13	87.1
Frederick	Dublin Hills Swiss	87	86.2
Frederick	K. Scott & Judy Hood	31	80.1
Frederick	Lir Thorne-B	51	76.7
Carroll	Misty Dell Acres	10	76.4
Carroll	Frick & Faith Burall	11	69.8
Montgomery	Rudell C. Beall & Sons	10	66.8
Frederick	Sheldon Swiss	11	61.0
Washington	Frey and Bassler	37	59.5
Frederick	Dwayne & Miriam Bell	61	58.8

HIGH HERDS FCM BY BRFFD

GUERNSEY

County Ass'n	Herd Name	# Cows in Herd	FCM
Frederick	Walnut Ridge Farm	80	72.0
Kent	Keith Dixon	30	65.6
Queen Anne's	William B. Messer III	18	63.2
Washington	Cletus & Janice Frey	21	57.1
Frederick	Anovadale Guernseys	40	56.0
Kent	Dogwood Lane Farm	79	48.9
Frederick	Three Brooks Farm	77	42.8

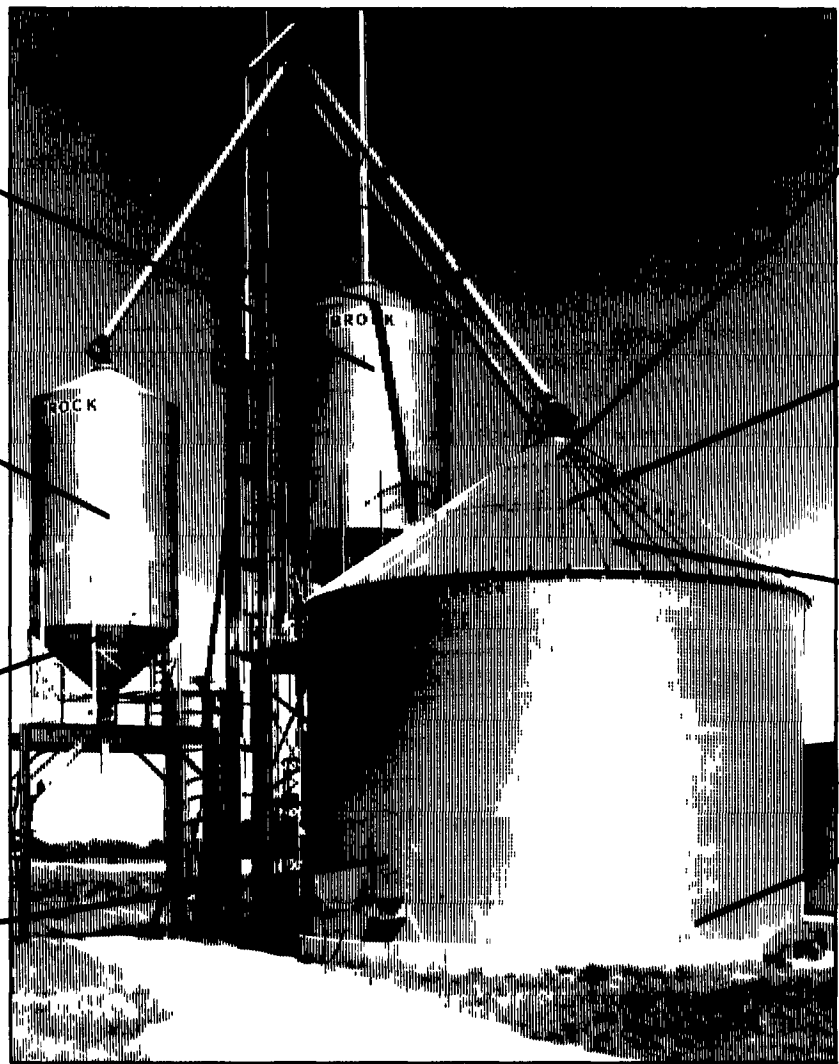
HIGH HERDS FCM BY BRFFD

JERSEY

County Ass'n	Herd Name	# Cows in Herd	FCM
Frederick	Gaywinds Farm	82	70.7
Frederick	Glenn Beard	11	69.1
Garrett	Paul & Naomi Petersheim	29	62.1
Caroline	Meadow Lane Farm Jerseys	11	60.8
Kent	P. Thomas Mason	41	60.8
Carroll	Ash & Bear	17	60.6
Frederick	Jersey Spring Farm	90	59.8
Carroll	Mayer's Stony Point	16	57.3
Carroll	Tomorrow's Promise Inc.	55	55.2
Garrett	Elit Swartzentruber	61	52.3

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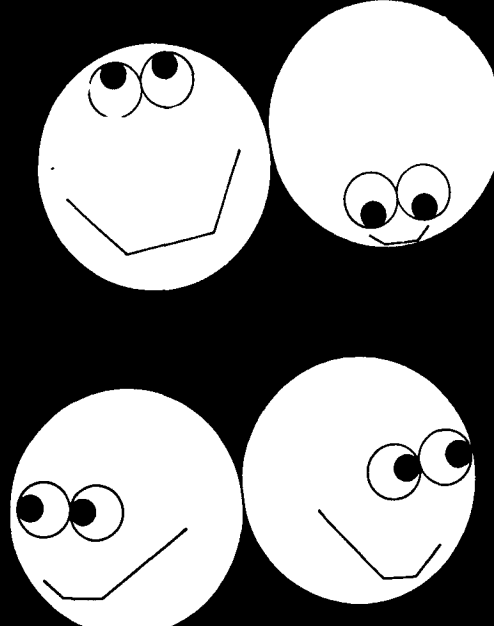
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(Continued from Page 44)

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Donald W. Skinner	121	71.9	Holstein
Charles R. Patterson	122	71.6	Holstein
LJ & WE Palmatary	193	70.6	Holstein
McFarland, Donnie & Wayne	151	68.0	Holstein
Talbot Co.			
Wm. Brinsfield	79	72.8	Holstein
R. Stanley Collier & Son	270	67.7	Holstein
Washington Co.			
Brad & Cathy Wiles	80	90.5	Holstein
Curtis W. Ausherman	97	83.0	Holstein
Kevin & Marlin Martin	63	79.9	Holstein
Dennis & Deb K. Spielman	53	77.5	Holstein
Creek Bound Farm	101	74.9	Holstein
Wilmer Ocker	72	72.5	Holstein
Earl Grove Jr.	122	70.2	Holstein
Afton Spring Dairy	47	69.9	Holstein
Cletus & Janice Frey	36	69.8	Holstein
Arthur Rhoderick	244	69.2	Holstein
SJ Winters & Family	98	66.0	Holstein



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Center First In National System To Focus On Floricultural Germplasm

COLUMBUS, Ohio — The beneficiaries are as varied as the collections to be stored within the walls of the new Ornamental Plant Germplasm Center, located at Ohio State University. Floriculturists, nursery and landscape managers, researchers, doctors, pharmacists and consumers all will gain from the newest addition to the U.S. Department of Agriculture's National Plant Germplasm System.

The Ornamental Plant Germplasm Center, or OPGC, will store the germplasm from flowers and herbaceous ornamentals, including seeds, bulbs, shoot tips and other living tissue. An initial government appropriation of \$175,610 for fiscal year 1998-1999 is helping establish the center. Officials expect that figure to double during fiscal year 1999-2000, pending Congressional approval. The OPGC is the first focused effort by the National Plant Germplasm System to manage germplasm of herbaceous ornamental crops.

"Until last year, the National Plant Germplasm System hasn't had the resources to pay sufficient attention to herbaceous ornamental germplasm," said Peter Bretting, National Program Leader for Plant Germplasm and Genomes for the USDA-ARS. "This is a breakthrough in funding. We're moving to an area of agriculture where historically we have been under-invested."

According to the USDA's Economic Research Service, the greenhouse and nursery industry is the sixth largest of all agricultural commodity groups in the United States. The industry accounted for 11 percent of all farm cash receipts in 1991. Grower cash receipts for greenhouse, nursery and turfgrass products totaled \$8.4 billion.

Collectively, the green industry is the third largest segment of plant agriculture, following corn and soybeans, and has grown 7 percent to 10 percent per year for the past decade, Bretting said. The growth trend is expected to continue, thanks to aging baby boomers taking up more sedate activities such as gardening, and other socio-cultural trends.

For the green industry, the OPGC ensures that the germplasm of wild or older varieties of plants

won't be lost at the expense of breeding plants with more desirable colors or better fragrance. Often, the older material used to breed new plants is discarded because growers or researchers lack the necessary storage facilities.

Substantial crops can be lost if plants with genetically uniform characteristics and a narrow genetic base are plagued by disease, insects or poor weather. In the early 1980s the Russian wheat aphid caused losses from 10 percent to 50 percent; older varieties of stored wheat germplasm in germplasm centers around the world yielded genetic resistance to the pest.

While the floriculture industry

has not experienced such a widespread epidemic, some growers think it is only a matter of time.

Growers have been running a fine line when it comes to possible disease outbreaks, said Justin Marotta, president of the Ohio Florists' Association and owner of Possum Run Greenhouses Inc., Bellville. For example impatiens are highly susceptible to tomato spotted wilt virus, and geraniums are susceptible to xanthomonas. If one of those diseases gets in to the stock provided by one of the main breeders in the country, the losses will be tremendous.

Having a centralized bank of genes will streamline industry's response to such an outbreak,

Marotta said, just as germplasm has already helped stem losses in agronomic crops.

The OPGC will benefit all levels of the industry, said Tom Demaline, president-elect of the Ohio Nursery and Landscape Association, and president of Willoway Nurseries, in Avon, Ohio. The growers will have access to better plants to sell to consumers, and the consumers will have plants with superior traits.

Establishing the center at Ohio State will let university researchers continue and advance their connection to the needs of the industry, said Bob Moser, vice president for agricultural administration and executive dean of the

College of Food, Agricultural, and Environmental Sciences.

"We are proud to house a center as significant as this one is to the green industry," Moser said. "We believe this partnership puts Ohio State research directly in the hands of the people who can use it."

"Science doesn't yet know all of the potentially beneficial traits that the plants stored here may possess," Moser said. "It's quite likely that varieties stored here will contain the genetic key to advance medicines, insect and disease resistance, nutraceuticals, and other economically important traits."

Agricultural Preservation Board Approves Farmland

HARRISBURG (Dauphin Co.) — Agriculture Secretary Samuel E. Hayes Jr. recently announced that the Agricultural Land Preservation Board has approved easement purchases for 16 additional farms across the commonwealth.

"Governor Ridge is committed to preserving the farmlands of our hard-working farm families," said Hayes. "The addition of these farms further demonstrates Pennsylvania's commitment to agriculture, our No. 1 industry."

Created in 1989, the Pennsylvania Agricultural Land Preservation Board oversees the state Farmland Preservation Program. The program allows the state and counties to purchase development rights, referred to as easements, to guarantee that farms will remain as agricultural land.

The board also approved the proposed easement purchase programs from Potter and Tioga counties. With this action, Potter and Tioga become the 49th and 50th counties in Pennsylvania to participate in the Farmland Preservation Program.

Including the three county-owned easements accepted, the Farmland Preservation Program has protected 1,193 farms in 41 counties encompassing 147,643 acres.

Following is a list of the 16

properties, including owner, municipality, acreage, and purchase cost:

Adams County

• John H. Baugher Farm #2, Tyrone Township, 81 acres, \$97,391.

Beaver County

• Jeffrey A. Dietrich, New Sewickley Township, 51 acres, \$102,982.

Bedford County

• Richard G. and Carole E. Strickland, Colerain Township, 261 acres, \$132,000.

Berks County

• David Schuler, et al Farm (65AC), Richmond Township, 65 acres, \$130,000.

• David Schuler, et al Farm (107AC), Richmond Township, 107 acres, \$214,600.

• Donald F. Specht Farm, Oley Township, 94 acres, \$187,000.

Bucks County

• C. Wilmer and Donna Mood, Milford Township, 96 acres, \$528,300.

Chester County

• Maryann F. Tustin Farm, West Nantmeal Township, 49

acres, \$166,678.

Cumberland County

• Donald L. Heishman and Twyla L. Kaufmann, West Pennsboro Township, 64 acres, \$81,966.

• Phares S. and Denise L. Newswanger, Dickinson Township, 132 acres, \$269,507.

• E. Harold and Dorothy E. Thumma, Penn Township, 117 acres, \$217,462.

Fayette County

• Randy W. and Kimberley A. Brown, Bullskin Township, 120 acres, \$99,014.

Franklin County

• William A. and Shirley J. Stoner, St. Thomas Township, 149 acres, \$160,360.

Northampton County

• Glenn and Joan Williams, Lehigh Township, 265 acres, \$642,755.

Susquehanna County

• Brian P. and Patricia L. Gesford, Dimock Township, 78 acres, \$54,107.

Union County

• Dennis B. and Mary Jo Spangler, Limestone Township, 106 acres, \$95,634.

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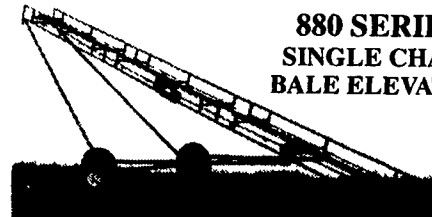
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140 Featherlite Trailers
141 Featherlite Trailers
142 Featherlite Trailers
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147 Mar Bar Tire Service
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168 Cargill Hybrid Seeds
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170 Messicks Farm Equipment
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172 Albers
173 Biovet

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186 Miller Pro
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Hoffmann Succeeds Tette As Director Of Cornell's IPM Program

ITHACA, N.Y. — Michael P. Hoffmann, Cornell University associate professor of entomology, has been appointed as director of Cornell's New York State Integrated Pest Management (IPM) program. He succeeds the first director, James P. Tette, who has retired after 26 years in the position.

For a quarter century, Tette educated and encouraged agricultural producers to grow crops and raise animals using environmentally sound methods that reduce or replace synthetic or organic pesticides. These techniques pose minimal risk to human health and maintain a supply of high-quality, safe, and economical foods for consumers, while providing growers with a reasonable return on their investment.

By 1996, under Tette's leadership, about 90 percent of the state's agricultural producers used at least one form of an IPM strategy, according to the annual report released by the program three years ago. "Agriculture isn't the same as it was 10 years ago," Tette said at the time the report was released. "Producers understand IPM and biological control, and they want to incorporate these practices into their production systems."

As the new director, Hoffmann plans to carry on the program's mission. "While we continue to serve New York agriculture, the opportunities to address pest management issues for our non-agricultural clientele is almost unlimited," said Hoffmann. For example, he said that educational efforts for IPM in the state's schools are already under way. "Working in both agriculture and community IPM offers us a unique opportunity to improve communication and understanding between the various sectors of our state."

Hoffmann said that New York's IPM program is recognized as one of the best such programs in the nation because of his predecessor's leadership. "Thanks to Jim Tette we have an excellent program in place," he said.

Hoffmann came to Cornell in 1990 as an assistant professor. Before that he had been a researcher at the University of California, Davis; the University of California, Riverside; and the University of Arizona in Tucson. Hoffmann

earned his bachelor's degree in ecosystems analysis from the University of Wisconsin at Green Bay, his master's degree in entomology from the University of Arizona, and his doctorate in entomology from the University of California,

Davis. He has years of IPM experience in such commodities as cotton, pecans, avocados and several vegetable crops.

In 1993, Hoffmann authored with researcher Anne C. Frodsham "Natural Enemies of Vegetable

Insect Pests," a handbook published by Cornell Cooperative Extension. He also wrote "Integrated Pest Management for Onions" in 1996 with Frodsham and Curtis H. Petzoldt, assistant director of the IPM program.

Dairy Promotion Shines at 2000 Farm Show

HARRISBURG (Dauphin Co.) — Ring in the new millennium at the 2000 Farm Show, Saturday, Jan. 8, through Wednesday, Jan. 13, at the Farm Show Complex in Harrisburg. The Keystone State's dairy promotion programs, the American Dairy Association/Dairy Council Middle Atlantic and the Pennsylvania Dairy Promotion Program, have joined forces to cast light on the state's top-ranked agriculture industry.

"Pennsylvania has more than

9,900 dairy farms that produce 1.36 billion gallons of milk each year," said Debra Summerall, spokesperson for PDPP. "What better place to showcase the importance and versatility of dairy, than at Pennsylvania's premier agricultural gathering, the Pennsylvania Farm Show."

Dairy farmers are invited to visit the dairy promotion booth on the main exhibit floor, booth numbers 339, 339, 348 and 349, near the McClay Street entrance of the Farm Show building. The booth will feature the consumer

game, "Cow Challenge" which teaches visitors about the dairy industry. "Got milk?" prizes and coupons for milkshakes and ice cream sundaes will be given out. In addition, milk, cheese, butter and ice cream can all be found in some form, at the 2000 Farm Show.

"The butter sculpture is a favorite for many patrons," Summerall says. "In its tenth year, the sculpture will pay tribute to the wealth of agriculture fairs throughout the state."

Land O' Lakes has donated more than 700 pounds of butter for the display, and sculptor Edward Shank of Middletown, Pa., will again turn dairy's golden product into a work of art.

Cheese lovers won't want to miss the creative cheese-carving contest, set for 11 a.m. to 1 p.m., Sunday, Jan. 9, in the Family Living Area. Consumer finalists will demonstrate their creative side as they whittle away at a 5-pound block of cheese, donated by Mahoning Swiss Cheese of Smicksburg, Pa.

A professional cheese carving demonstration will follow at 1

p.m., and at 2 p.m., cheese purveyor Sam Neff will show consumers how to incorporate experiences and gourmet recipes with a "Beyond Cheddar" forum.

"Pennsylvanians love cheese and cheese is good for them," Summerall said. "The Beyond Cheddar demonstration will showcase the many types of cheeses available that add tremendous flavor and a nutritious package to favorite recipes."

And who could forget the popular milk mustache? Farm Show visitors will have a chance to don their own milk mustache on Wednesday, Jan. 12 from 11:30 a.m. to 1 p.m. in the Family Living Center at the Farm Show building. Photos will be given to participants.

PDPP contracts with the American Dairy Association & Dairy Council Mid East to implement advertising, marketing, promotion and nutrition education programs on behalf of the dairy farmers in 33 counties in western and north-central Pennsylvania.



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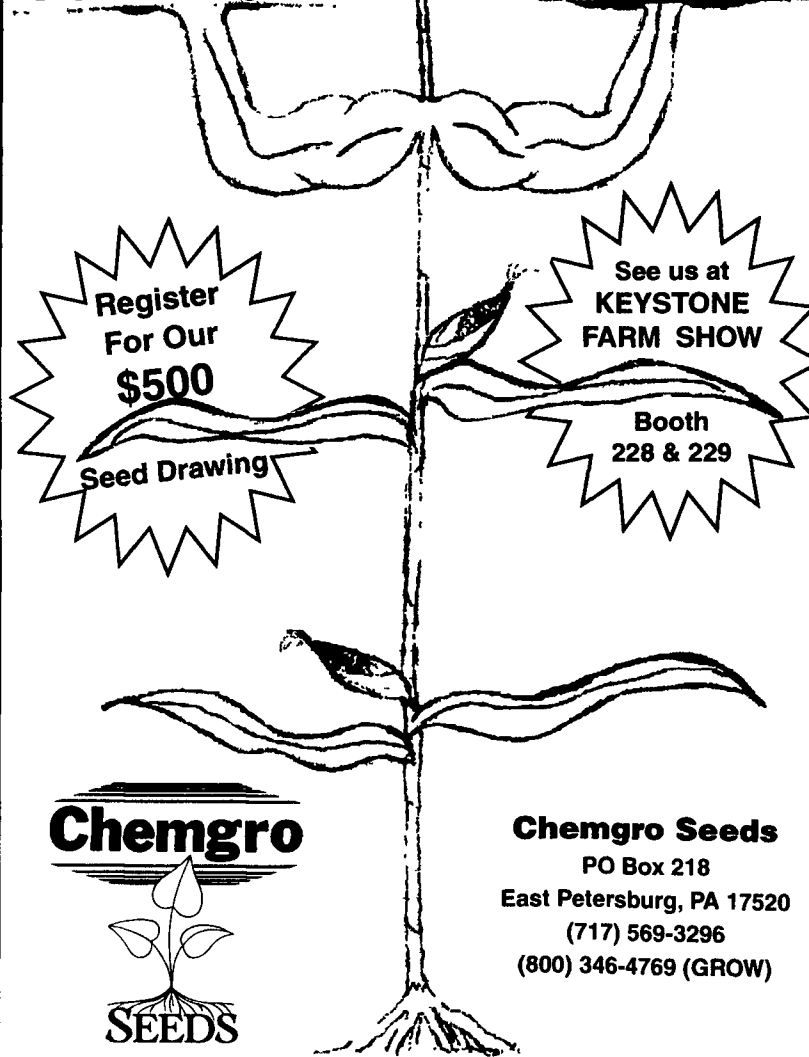


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Option For Skid-Steer Loaders Provides Increased Diagnostic, Monitoring Information

FARGO, N.D. — Melroe Ingersoll-Rand introduced the Deluxe Instrument Panel for its next-generation Bobcat G-Series skid-steer loader line.

Because of its unique "plug-and-play" design, the panel is available factory-installed or it can be easily field-installed as an upgrade to the standard instrumentation package.

The Bobcat Deluxe Instrument Panel provides G-Series loader operators with advanced system functionality, information and protection — a system so advanced that its features are patent-pending.

The Deluxe Instrument Panel monitors numerous loader functions ranging from hydraulic oil pressure and temperature to engine oil pressure and battery voltage. A built-in machine shutdown system monitors engine oil pressure and coolant temperature, hydrostatic charge pressure, hydraulic oil temperature and engine RPM.

If any of the readings indicate measurements beyond a specified range, the loader will automatically shut down to protect it from catastrophic failure. Four "virtual" bar graphs on a back-lit LCD panel display system monitor diagnostic information in metric or standard units. Operating information (including various pressures, temperatures and engine RPM) also can be viewed numerically on the screen.

A built-in help function even supplies tutorials on using hydraulically powered attachments, as well as suggestions of possible causes for various diagnostic conditions (such as point-



Melroe Ingersoll-Rand introduced the Deluxe Instrument Panel for its next-generation Bobcat G-Series skid-steer loader line.

ing out a broken wire, bad sensor, or indicating the need to add coolant or oil.) The panel displays instructions in any of six languages (English, Spanish, French, German, Italian or Dutch), selectable by the operator.

A keyless start package allows the operator to password-protect the loader with a unique code (up to 10 digits). A loader can have up to 10 passwords: master password, owner password and eight user passwords, any of which will start the loader. To start the engine, users enter their password and press the RUN/ENTER button.

The Deluxe Instrument Panel also provides lockout for functions such as high-flow (useful in rental or multiple-user operations) where the owner wants to prevent users from mistakenly engaging the high-flow auxiliary hydraulic circuit with standard-flow attachments.

A job clock records how long the operator has run the loader. This function can be locked so

that the timer cannot be reset without a password. This feature is especially useful in situations when the operator charges by the hour. The Deluxe Panel

displays current time on a separate clock.

An integrated flash memory permits future expansion and upgrades of the Deluxe Instrument Panel. Because of its

plug-and-play design, the Deluxe Panel can be installed easily in the field as an upgrade from the Standard Panel, with no tools required other than a screwdriver

Mulch Critical To Family Plants

WARREN (Warren Co.) — Mulching involves placing a layer of organic material around plants. As mulch decomposes, it adds organic matter to the soil. This provides important nutrients for plants and an ideal environment for earthworms and other organisms that help enrich the soil.

Mulching can recycle yard wastes and improve your soil. Mulch protects soil from erosion, prevents weed growth, conserves soil moisture, stabilizes soil temperature, reduces compaction, and keeps clean and dry any fruit or vegetable that touches the ground.

So what do you use? The best place to look for mulch materials is in your own yard. Grass clippings and leaves work well for mulching if they are dry and weed free. Avoid adding clippings to your vegetable garden from lawns that have been treated with a weed killer within the last two mowings. If you live near farming areas, you may be able to get old hay from a farmer or feed store.

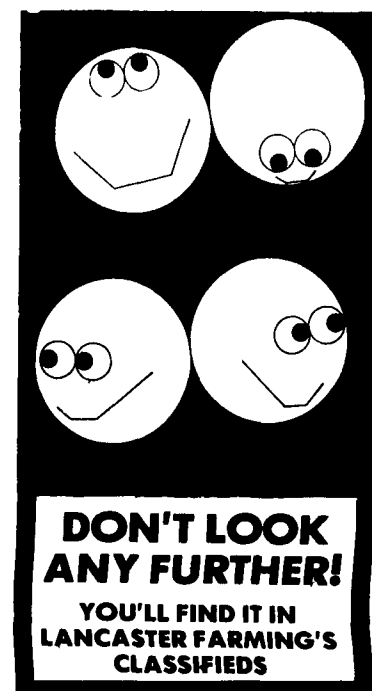
Compost makes an excellent organic mulch material. It adds nutrients to the soil and has a natural appearance. Wood chips and bark work well around trees and shrubs and make attractive walkways through gardens.

The best time to apply mulch is when plants are established and the soil is warm. First, water your

garden well. Then place a layer of mulch around the plants. Thickness of the mulch layer varies per material. For grass clippings, a thickness of two inches is recommended, but for larger materials such as dry leaves, you should apply at least six inches. You will help insulate the root zone and lower evaporation rates if you liberally apply mulch, but be careful not to smother the plants. As the

mulch breaks down, add more material to the top throughout the growing season. After harvest, work the mulch into the soil to integrate the organic matter, or leave it on the surface to decay naturally and be carried into the soil by earthworms.

For any questions concerning mulching, contact the Warren County Soil Conservation District at (908) 852-2579.

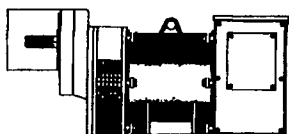


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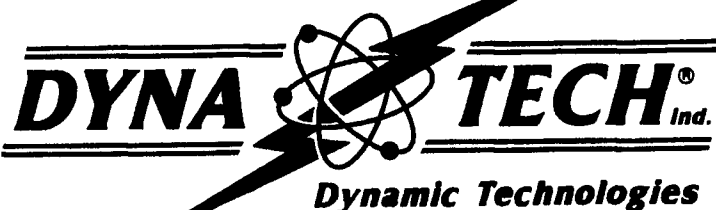


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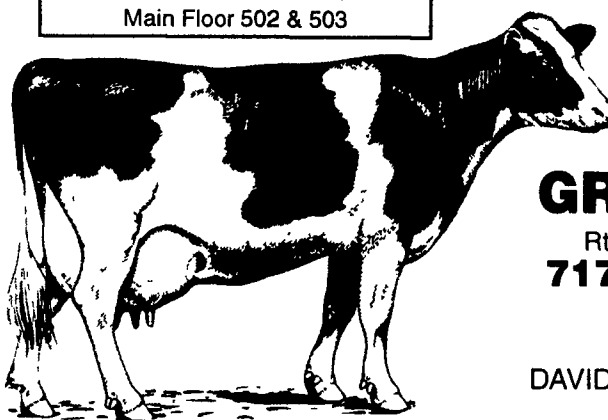
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Plants Can Have Toxic Relationship With Gardeners

UNIVERSITY PARK (Centre Co.) — Many gardeners search for plants that are beautiful, but a gardening expert in Penn State's College of Agricultural Sciences say some plants can cause injuries or harmful effects that aren't pretty.

Most toxic plant reactions cause skin problems of some kind. Nuss says awareness and common-sense precautions can prevent most problems.

"If you develop a rash or some other symptoms from contact

with plants, collect a sample of all plants to which you were exposed," says Robert Nuss, professor of ornamental horticulture. "Samples will help your doctor identify the cause of the problem."

Nuss recommends that gardeners learn to identify problem plants. If exposed gardeners should wash thoroughly as soon as possible. "Don't use soap containing oils," Jus says. "Oils can spread toxins and promote skin absorption. Detergents or hand cleaners are the most effective."

Nuss lists some of the common plants that can have toxic or harmful effects on humans.

• **Poison plants.** Poison oak, poison ivy and poison sumac all contain the toxin urushiol in the sap of leaves, stems, fruit, flowers and roots, which can cause itchy rashes and other symptoms. The fruit of the ginkgo tree and the sap of the smoketree also can cause skin rashes.

• **Allergenic plants.** Most allergic reactions are caused by pollen, bringing on hay fever or

asthma. Mold spores can cause allergic reactions in sensitive individuals, as can some lichens that grow on rocks or trees.

Nuss says orchids, tulip bulbs, chrysanthemums and dahlias can be allergenic to some individuals.

• **Skin irritant plants.** The chemicals plants have in leaves, bark, roots, bulbs or flowers can cause direct skin irritations. "In many cases the sap within the plant is the cause of the problem," Nuss explains. "Often, the irritating substance is released only when the plant tissue has been damaged or mishandled."

Nuss says some common houseplants can cause skin irritation, including poinsettias, pencil trees, daffodils, hyacinths and ornamental buttercups.

• **Stinging plants.** Most nettles can cause a toxic reaction when touched, but the reaction

does not have lasting effects and requires no medical treatment.

• **Thorny plants.** The most common plant-related injuries are caused by thorns. "Most people don't seek medical help after getting stuck by a thorn," Nuss says. "But implanted thorns, needles or spines can cause infections or other medical problems."

Nuss says thorns embedded near joints can cause chronic arthritis. Thorns embedded near bones can mimic a bone tumor. Thorny plants that can cause painful injuries include roses, black locust and honeylocust trees and blackberry bushes.

"Clothing, tools and even smoke from burning plants can carry toxins," Nuss says. "Be sure to wash all clothing and tools after working with problem plants. The residues can be hazardous for a long time."

Companies Make Progress

WASHINGTON, D.C. — Chicken companies are making significant progress in preventing or ameliorating repetitive motion problems in processing plants. The regulatory standard proposed by the Occupational Safety and Health Administration (OSHA) is unnecessary, too expensive, and possibly harmful to the cause of correcting the conditions that contribute to repetitive motion problems, according to the National Chicken Council.

The incidence of repetitive motion problems has steadily declined in poultry processing over the last several years, according to federal statistics. The improvement indicates that worker safety programs in the industry are having an effect. Jobs have been redesigned, new equipment introduced, and employees are trained to handle their work with less stress.

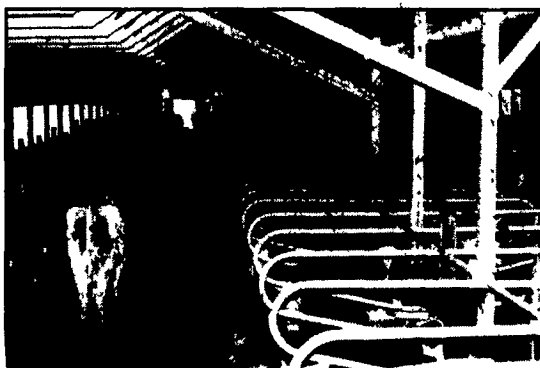
In this context, it makes no sense to impose a burdensome and expensive program that will force companies to shift their focus from concern for worker well-being to compliance with federal regulations so complicated and vague that the official explanation runs to more than 300 pages of small print in the Federal Register, NCC said in a statement. The regulation will cover almost 2 million workplaces and is believed to be the most expensive regulation ever proposed by the federal

government.

The science of ergonomics is far from exact. Federal activity in this area should be based on sound science. OSHA has chosen to go ahead before a major study is completed by the National Aca-

demy of Sciences. The government should work with employers to encourage research and development of effective programs before rushing into a sweeping, extremely expensive regulation, according to NCC.

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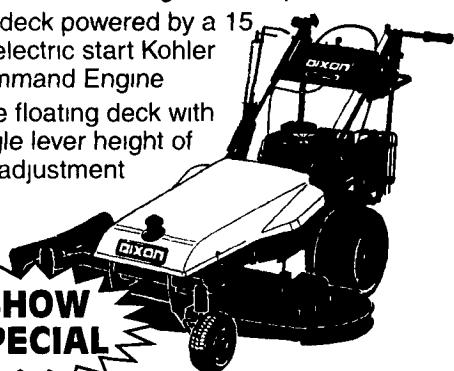
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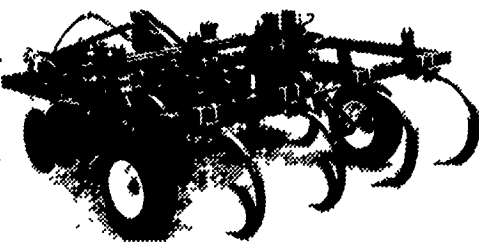
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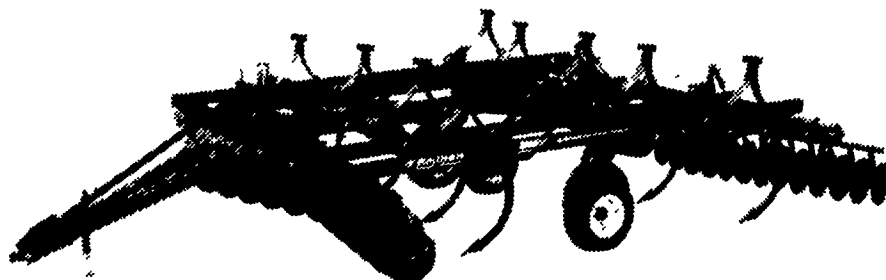
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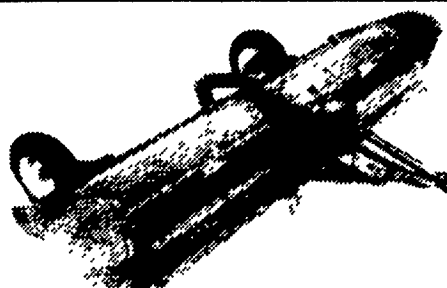
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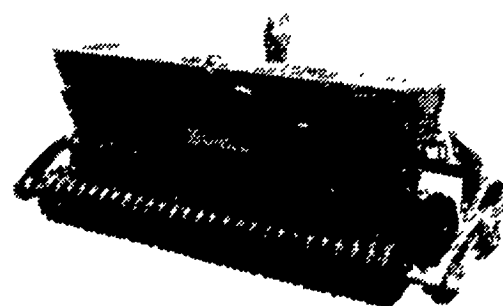
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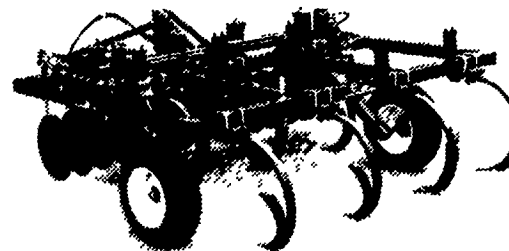
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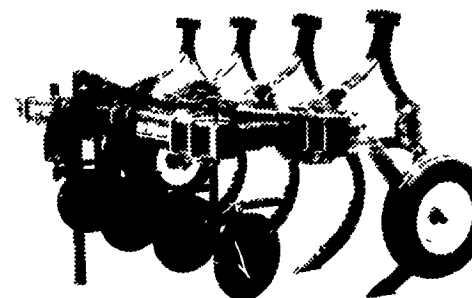
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Clockwise from upper left: Millenni-yummmm Meatballs, All Together Chili, Zesty Walnut Spread, Chix on Stix.

Millennium Menu

NEW YEAR'S CELEBRATIONS

It's finally here—The Turn of the Century! No doubt about it, December 31, 1999, will be an evening to celebrate! What better way to ring in the new millennium than a gala gathering with family and friends right in your own home? The kids will want to be in on the festivities, too, since this celebration takes place—well—just once a century.

It's simple to create a countdown menu that will be enjoyed by youngsters and grown-ups alike with these fun and delicious recipe ideas from the folks at Heinz Ketchup. These dishes are sure to please partygoers of all ages, plus they're super easy to prepare, so you'll get to enjoy the party too.

Use *All Together Chili* as the main dish of your millennium menu. The tasty medley is a perfect blend of spices complemented by the sweet surprise of raisins and apricots. It can be prepared early in the day and heated again before the festivities begin. Serve it in a warming dish so guests can go

back for additional helpings throughout the evening. Round out your party fare with delicious appetizers that can be served as snacks or as part of a buffet.

◆ *Chix on Stix* not only taste great but they look fancy and festive, too, and best of all they're a cinch to prepare. Thread your skewers and mix your glaze beforehand so all you need to do is cook the kabobs and serve.

◆ *Millenni-yummmm Meatballs* are a tangy, sweet and sour treat the whole family will love. They can be prepared the day before and simply reheated for the party.

◆ Forget boring old chips and dip! Serve *Zesty Walnut Spread* as a dip with crackers or vegetables.

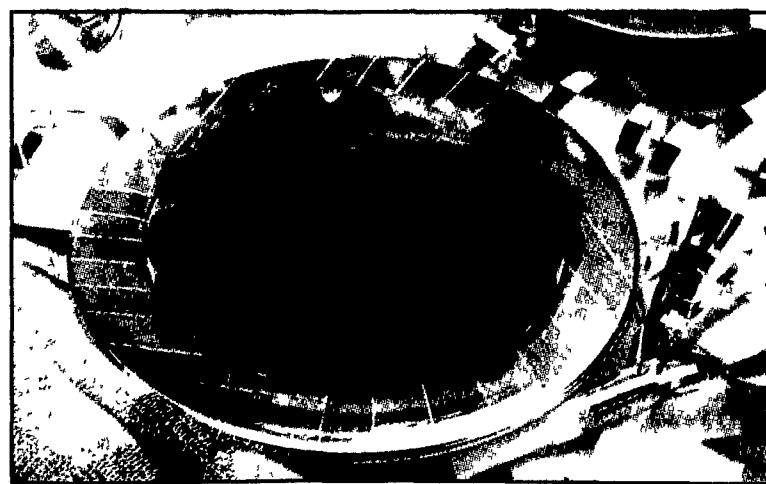
◆ Here's a tip for parents of tots with tender taste buds. Create two versions of *Chix on Stix* and *Zesty Walnut Spread*, adjusting the flavor to their specific taste.

MILLENNI-YUMMMM MEATBALLS

- 1 pound hot or mild pork sausage
- 1 egg, beaten
- 1/3 cup dry bread crumbs
- 1 teaspoon garlic salt
- 1 cup ketchup
- 1/3 cup firmly packed brown sugar
- 3 tablespoons vinegar
- 2 tablespoons light soy sauce

Combine sausage, egg, bread crumbs and garlic salt. Form into 36 to 40 small meatballs. Cook meatballs in large skillet until browned on all sides. Drain fat. Combine ketchup and remaining ingredients; pour over meatballs. Cook, uncovered, over low heat 20 minutes or until meatballs are cooked through and sauce has thickened. Makes 36 to 40 appetizers.

Note: One pound prepared frozen meatballs may be substituted. Eliminate first 4 ingredients.



Millenni-yummmm Meatballs

EVERYDAY MEAL IDEAS FOR THE NEW MILLENNIUM

Don't let the celebrating and great tastes of the holidays end January 2. Perk up those long winter months of January, February and March with the same palate-pleasing foods that made your family New Year's celebration a sensation. Use them for other parties, entertaining friends, family movie nights and other occasions that call for fun foods.

We all know chili is a comfort food. What better way to warm up after skiing, sledding or snowman building than with a bowl of hot, delicious chili?

Add pizzazz to otherwise ordinary meals by serving a tangy appetizer. *Chix on Stix* or *Millenni-yummmm Meatballs* pour on the taste with the thick, rich flavor of ketchup. To serve the kabobs, prepare smaller servings and place them on toothpicks or small skewers.

For many people, New Year's resolutions are tough to keep, but here's one you won't be tempted to break: Make family mealtimes less stressful for you, yet more interesting for kids craving meal variety.

Impossible? Not with *EZ Meals*, a collection of 31 kid-tested and approved ideas for preparing appetizers, main courses, side dishes and even snacks. With this free booklet from Heinz Ketchup, busy families can add new interest and delicious flavors to dinners and other occasions year-round. Included among the collection are recipes that even kids can help prepare.

EZ Meals can help today's families overcome the challenges of busy schedules, after-school activities and fussy appetites. The booklet promises to be a fast, helpful resource when families are on the run, challenged by finicky eaters or trapped in the dinnertime doldrums.

To order a free copy of the *EZ Meals* booklet, simply send your name and address to: Heinz Ketchup, P.O. Box 29294, Shawnee Mission, KS 66201-9294. Or you can find the booklet's contents online at www.heinzketchup.com.

ALL TOGETHER CHILI

- 1 pound ground turkey
- 1 large onion, chopped
- 2 cloves garlic, minced
- 1 teaspoon vegetable oil
- 1 tablespoon chili powder
- 2 teaspoons dried oregano
- 1 teaspoon ground cumin
- 1/8 teaspoon ground red pepper
- 1 can (14-1/2 ounces) beef broth
- 1 can (15 ounces) black beans, undrained
- 1/3 cup ketchup
- 1/3 cup raisins
- 1/3 cup chopped dried apricots (optional)

In large nonstick skillet, cook turkey until browned, stirring to crumble meat; remove. In same skillet, cook onion and garlic in oil until onion is tender. Stir in chili powder, oregano, cumin and red pepper; cook 1 minute. Return turkey to skillet; stir in broth, beans, ketchup, raisins and apricots. Simmer, uncovered, 20 minutes. Serve garnished with sour cream and chopped tomato and avocado, if desired. Makes 4-5 servings (about 5-1/2 cups).

ZESTY WALNUT SPREAD

- 1 package (8 ounces) cream cheese, softened
- 1/4 cup ketchup
- 1/2 teaspoon lemon juice
- 1/2 to 1/4 teaspoon hot pepper sauce
- 1/2 cup coarsely chopped toasted walnuts

In small bowl, beat cream cheese, ketchup, lemon juice and hot pepper sauce with electric mixer until well blended; stir in walnuts. Cover; chill. Serve with crackers or vegetable dippers. Makes about 1-1/2 cups.

CHIX ON STIX

- 1/2 cup ketchup
- 1/2 cup peach or apricot preserves
- 1/4 cup soy sauce
- 1/4 teaspoon hot pepper sauce
- 1 pound skinless, boneless chicken breasts, cut into 1-inch pieces
- 1 can (8 ounces) whole water chestnuts, drained
- 1 large green pepper, cut into 1-inch squares

If using bamboo or wooden skewers, soak them in water for 15 to 30 minutes before using to prevent burning. Combine ketchup, preserves, soy sauce and hot pepper sauce; set aside. Thread chicken, water chestnuts and peppers alternately on skewers. Broil or grill 12 to 14 minutes or until chicken is cooked, turning and brushing often with glaze. Makes 4 servings.

Note: For appetizers, thread 1 piece each chicken and green pepper and half or whole water chestnut on each small skewer. Broil or grill 10 to 12 minutes.

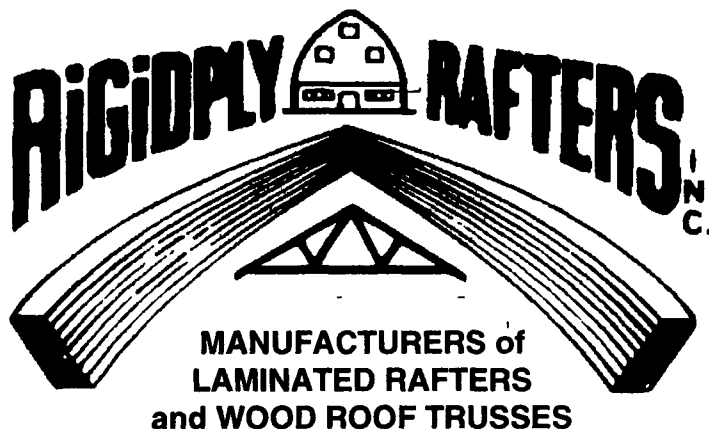
Want more variety? Try one or two of the following in place of green pepper and water chestnuts: apple or pineapple chunks, snow peas, zucchini, mushrooms, parboiled carrot pieces, onion wedges, tiny canned potatoes.

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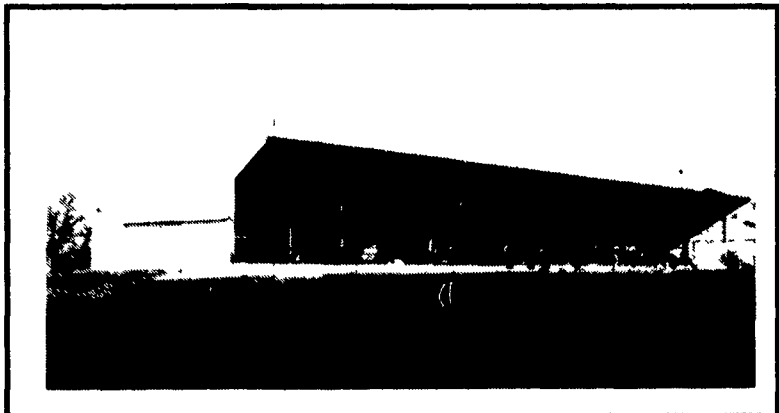
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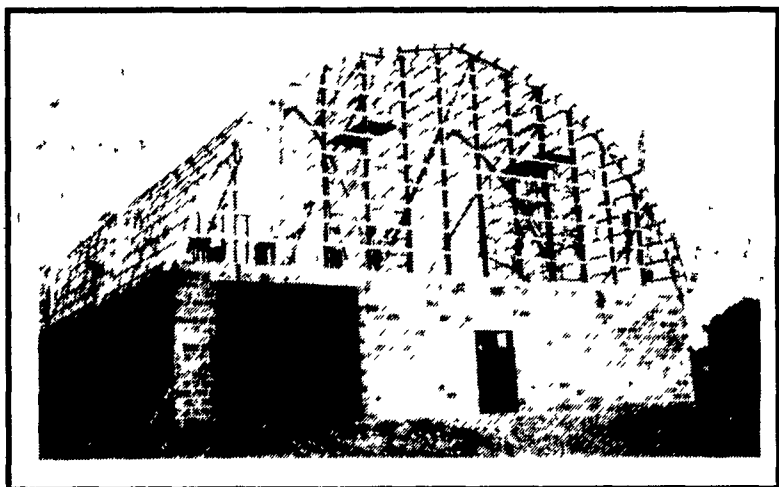
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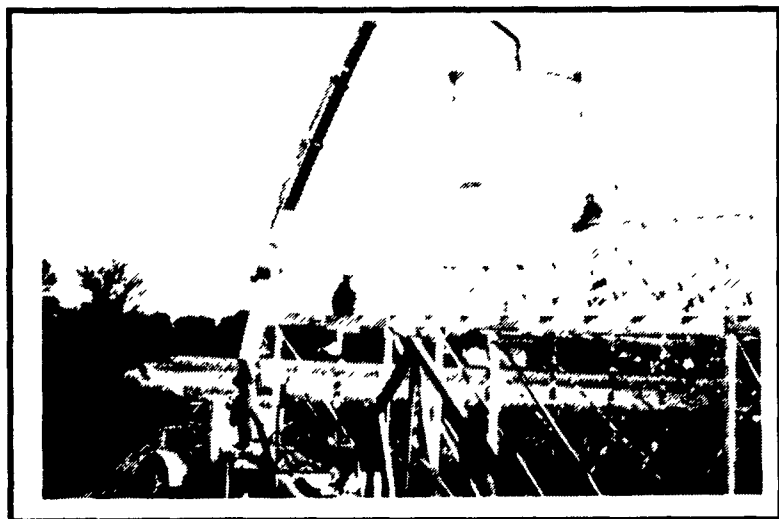
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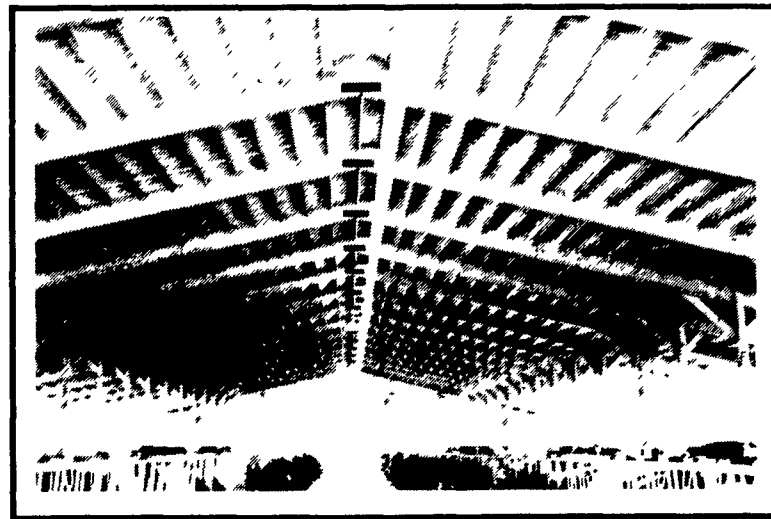
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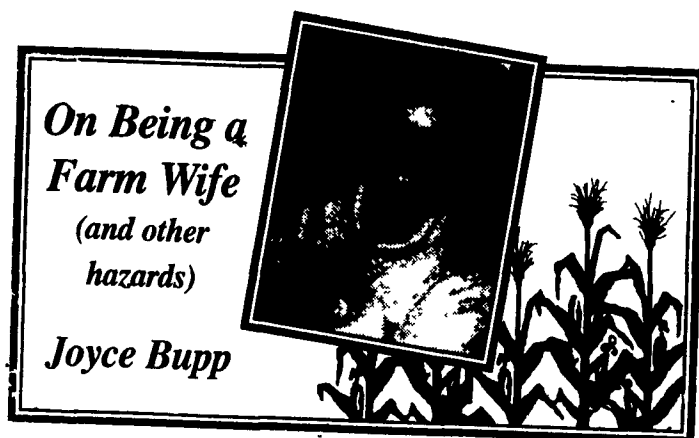


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"Mooooooooo!", bawled Elvira.
 "Mooooooooo?," queried Pixie, raising her long black eyelashes.
 "Mooooooooo@#*&," grumbled Exxon, who was trying to grab a nap before The Farmer showed up to start that noisy milking equipment and radio. "Would you girls knock off the chatter and go chew your cuds?"
 "What are you all mooooooooosing about, anyway?" she demanded, shaking her horns (which The Farmer's wife had botched removing when Exxon was just a baby calf).
 "Awww, they're still going on about that big, bright moooooooooon," chimed in Argon,

who had been moooooooooning this exchange from the other end of barn. "They're still miffed because they thought it was daylight and The Farmer should have moooooooooved them out of the barn and into the pasture. They they realized it was really nighttime but the light was so bright it seemed like feeding time."

"Pipe down you moo juicers over their!," bossed Lucy. "That special mooooooooon was last week. So a couple of you were tricked by Mother Nature. Mooooooooove on and get over it!"

"She's such a smart aleck; and usually in a bad mooooooooon," sighed patient old Patty Cow to Pretzel, recuperating side-by-side in the box stalls. Patty's foot still hurt from the stone she had picked up in her hoof and Pretzel's new bull calf had been a big one. After several years of listening to human chatter every day, Patty Cow was wiser than most of her younger herdmates to the ways of her two-legged servants. And besides, with the news blaring from that noisy barn radio, Patty knew something special was mooooooooovin' into the world out there. Something bigger than the bright mooooooooon of last week.

"It's something called a mooooooooolennium," Patty Cow confided to her pen pal. "I don't quite get it, but they seem to be all worried about stuff called hard drives and chips."

"Yeah, I've heard all about those hard drives," butted in busybody Pooky, eavesdropping on their "cowversation" from her spot across the barn alley. "In fact, my dam told me how my great, great, great, grand sire was send off on a hard drive. And how those cowboys tried to drive his herd with a bunch of others to the railroad when a blizzard came through. It was a really hard drive and a bunch of em' stampeded before they got..."

"Uh. I don't think that's the kind of hard drive she means," Pretzel interrupted, with a look of udder disdain at the know-it-all heifer. "It's something with those computer things, like that milk tester uses when she comes to take those little bits of milk from each of us."

"And they find out that some of us do a better job than some of the others in this barn," she added with a bit of knowing pride at being of the more experienced in the barn figuring out these contraptions the humans came up with. "But I'm not sure about the chips."

"My aunt Oona was in a cow chip contest once," remembered Olga. "Her owners hauled her to this big green lawn with great fresh grass. She told us it had little white lines making squares, sort of like little pastures marked off, but the grass tasted awful at those lines. After while Aunt Oona had to, well, you know, lift her tail and... well, some of the people around

cheered."

"Gee, they don't cheer around here when I do that when they put the milkers on me," grumbled Ginger. "They just complain and get the shovel."

"Anyway, about this moolennium," announced Patty Cow, herding the cowversation back her way. "They seem to be worried that a bunch of this computer stuff might shut down, and not work, and cause all sorts of problems."

"Just so they don't forget that it won't change us. We'll still be here making milk, just like we do every other day of the year. We don't need drives and chips

UNIVERSITY PARK (Centre Co.) - There aren't many fields where hard work also is enjoyable fun. But, for a select few, that's just what happens every year at the Penn State Ice Cream Short Course.

Now entering its 108th year, the course continues as the nation's oldest, best-known and largest educational program dedicated to the science and technology of ice cream. This year's seminar, directed by

and all those gizmos to do our job. Just so they don't forget to show up to serve us, like they're supposed to. I like breakfast on time."

"I heard them talking about one of those mooooooooolennium things that is good for us, though," added Patty Cow thoughtfully.

"And what's that?" asked Pretzel.

"They're going to start it off by eating pork."

Here's wishing all you cow lovers (and everyone else, too)... a blessed and bountiful mooooooooolennium!

Robert Roberts, associate professor of food science in Penn State's College of Agricultural Sciences, will run Jan. 4-13 at the Nittany Lion Inn on Penn State's University Park campus.

The program instructs professionals in all aspects of commercial ice cream manufacture, including ingredients and flavors, freezing/hardening and storage/distribution. This year's course also features lessons on common defects in ice cream, evaluation of market samples and a tour of the University Creamery operations.

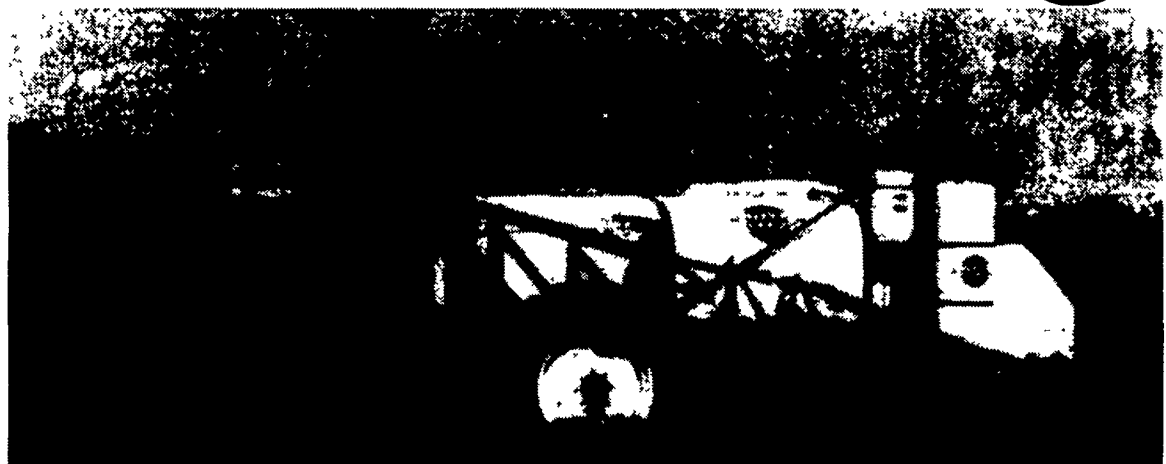
The course will look at systems that aid in the manufac-

ture of better quality frozen desserts, including microbiology and quality testing, nutrition and additives, and hazard analysis at critical control points (HACCP) techniques.

"Mom-and-pop" operators and would-be entrepreneurs also will enjoy the "Successful Ice Cream Retailing" seminar being offered Jan. 14-17 at the Nittany Lion Inn. Conducted by Ed Marks, a consultant with more than 50 years of experience in the ice cream industry, the seminar is intended for those who want to own an ice cream parlor, rather than an ice cream factory.



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Staying Healthy in the New Year

The new year and new millennium have arrived and with them, many resolutions to change the old, bad habits that one may possess.

This is an excellent time to take inventory of one's lifestyle and change it for the better.

Many of us desire to improve our personal health in the new year. Start with defining what health means to you and your family. Many may say that "health" is the absence of disease. However, you may consider that health is much more.

Health can be seen as an individual reaching the optimal level of well-being. If you are living with a chronic medical con-

dition, focus on all the things you can do, instead of those things you can't. Then ask yourself, "How can I improve this situation?"

Dietary habits, physical activity level, smoking, alcohol consumption and stress levels contribute to one's health status. There are also spiritual, relational, and psychological areas that may need consideration.

After you evaluate the areas that need improvement, don't change too much, too quickly. Although everyone desires immediate results, our bodies respond more successfully through gradual, gentle changes. Rapid changes in our lifestyle, such as jumping into a vigorous exercise program or

quickly dropping weight, can result in physical harm. Treat your body kindly.

Look at health in a new perspective.

- A brisk 20 minute walk 5 days a week will burn up 26,000 calories (7-1/2 pounds by this time next year.

- Drinking a glass of water instead of a regular soft drink once a day at work could save up to \$138 and 25,000 calories over the course of the year.

- A beer drinker who cuts out two 12 ounce beers per week can eliminate about 15,500 calories and lose about 5 pounds in a year without changing anything else.

- When tensions escalate at work or home, remember that it only costs about \$6 to treat yourself to a mindless 2 hour comedy movie and about \$100 for the same amount of counseling or therapy you may need if you don't take an occasional "time-out."

Whether you want to lose weight, increase physical activity or stop smoking, here are some suggestions that will help at any time of the year.

1. Set a realistic, achievable goal. Goals that are too ambitious may set you up for failure.

2. Be specific about your goal. Instead of saying, "I will lose weight," say, "I will eliminate French fries from my diet this week."

3. Write down how you will accomplish this goal. Consider past experience and list the ways you will achieve this goal.

4. Don't make too many resolutions at once. Concentrate on those one or two areas that are most important to you.

5. Never say never. Instead of saying, "I'll never have dessert again," say, "I'll have the dessert of my choice once per week."

You can also try postponing your consumption. When the dessert tray appears, say to yourself, "I'll have dessert next week when I go out for dinner."

6. Find a partner. Someone

who has a similar goal may provide you with the support during difficult times. They can also cheer with you when you are successful.

7. Keep track of your progress. You may wish to write down your daily food and beverage consumption, mark down your exercise patterns or the days you've gone without smoking.

8. Take your changes one day at a time. While 365 days may seem overwhelming, most people can tolerate 24 hours.

9. Keep in mind that you are not making these changes to become a wonderful person, but because you are a wonderful person and deserve to be at your optimal level of health and well-being all year 'round.

Women In Ag Workshop

STATE COLLEGE (Centre Co.) - As the first seed gatherers, women have played in integral role in agriculture. Their role is even more important today as they serve as business owners, educators, decision-makers and leaders of agribusiness organizations.

Recognizing the potential of women to lead agriculture into the next millennium, organizers have scheduled a Women in Ag Workshop to be held Feb. 3 at the Penn Stater Hotel and Conference Center in State College. The workshop is being held in conjunction with the Pennsylvania Association of Sustainable Agriculture (PASA) annual conference.

The workshop is designed to help women in agriculture further develop their communications, mentoring and leadership skills, according to Crystal Smithmyer, workshop coordinator and Fellow, Kellogg National Leadership Program.

"Women today have a critical role to play in the success of agriculture," Smithmyer said. "This workshop recognizes the invaluable impact women have on the food and fiber system and will help them better develop

their attributes and talents in serving the industry."

The Women in Ag Workshop will begin Feb. 3 with registration at 12 noon, followed by three skills-building workshops: 1) Coloring Outside the Lines - Explore how to tap into your creativity and make it work for you; 2) The Courage to Communicate - Learn how to express your ideas and create an positive message; and 3) Mentoring; From the Kitchen to the Board Room - Discover how mentoring can help you grow and succeed.

The workshop will conclude with a 6 p.m. reception featuring Vandana Shiva, a noted author and environmentalist and winner of a 1993 Alternative Noble Peace Prize. Shiva is one of the keynote speakers for the PASA conference.

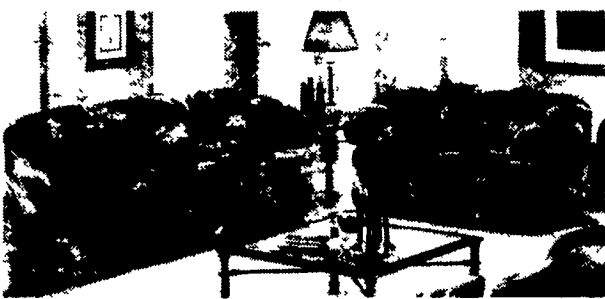
For a registration form or more information about the Women in Ag Workshop, contact Crystal Smithmyer, workshop coordinator, at (814) 674-2362 or send an e-mail to cmsmyer@aol.com.

The program is sponsored by the W.K. Kellogg Foundation, with the support of PASA and the Penn State University Women's Studies program.



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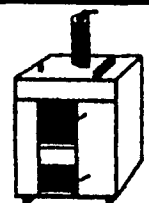
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Lentils Maintain Popularity Through The Centuries

It seems only fitting that as we celebrate the end of a century, a centuries-old food is setting a new place for itself at the table. Lentils are reappearing in everything, from salsa and salads to soups and side dishes.

No wonder. These little legumes not only taste good, they're good for you. Packed with protein, vitamins, and minerals, lentils are high in fiber, low in fat, and cholesterol free.

Lentils are an economical and nutritional bargain. Lentils are easy to prepare and easy on the budget, too. The cost per pound of usable protein is much lower than meat and airy products.

Fiber facts, Here's a tasty way to get your daily dose of fiber: prepare a batch of lentil puree to have on hand for quick and easy dishes.

Season puree with chopped green chilies, minced onion, garlic, and cumin. Use as a filling for burritos and tacos, as a topping for quesadillas and nachos, or as a dip for corn chips and veggies.

No need to soak lentils prior to cooking. Just rinse, drain, and cook. In a saucepan, combine lentils and twice the amount of water. Cover; bring to a boil and simmer 10-20 minutes for salads; 20-30 minutes for vegetables and main dishes; 30-40 minutes for soups and purees.

LENTILS WITH VEGETABLES

- 1 cup lentils
- 1 large potato, diced
- 1 medium onion, diced
- 2 small yellow squash, cubed
- 1 pound spinach
- 3 tablespoons olive oil
- Salt
- Pepper
- 1/4 teaspoon allspice
- 1/4 teaspoon cloves
- Juice from 1-2 lemons

Brown onions in olive oil in 2-quart saucepan. Set onions aside. Add lentils and fill pan with water to one-inch above lentils. Cook until well done but still whole (approximately 30 minutes).

Add remaining ingredients except for the spinach and lemon juice. When vegetables are cooked, add spinach and cook until wilted. Add more seasoning if desired. Remove from heat and add lemon juice. Keep covered until served.

Bob Rumer
Jenkintown

SPICY RICE AND LENTILS

- 1/2 cup brown lentils soaked for 1 hour
- 1 large onion, finely chopped
- 1/2 teaspoon mashed garlic
- 1/2 teaspoon grated ginger
- 1 fresh green chili, seeded, chopped
- 4 tablespoons ghee or butter
- 1 cinnamon stick
- 2 cloves
- 1 bay leaf
- 1/2 teaspoon turmeric
- 1 teaspoon salt
- 1 cup long grain rice
- 1/2 cup red lentils, soaked one hour
- 2 tablespoons chopped spring onions

Drain brown lentils, cover with boiling water and boil 15 minutes until beginning to soften. Drain.

Cook onion, garlic, ginger, and chili in the ghee or butter until soft and light colored. Add cinnamon, cloves, bay leaf, and turmeric. Cook for 2 minutes, stirring.

Add drained rice and lentils, mix well, then add water to cover about one inch. Bring to boil, then cook on very low heat until liquid has been absorbed, about 20 minutes.

Stir in chopped spring onion. Remove cinnamon stick before serving.

Rob Rumer
Jenkintown

CHILI LENTILS

- 4 cups water
- 1 cup dried lentils
- 1 pound ground chuck
- 1 cup chopped onion
- 1 clove garlic, minced
- 28-ounce can tomatoes, cut up
- 1 tablespoon chili powder
- 1 teaspoon dried oregano leaves
- 1 teaspoon salt

Heat water in three-quart saucepan over high heat until it comes to a boil. Add lentils. Cover and simmer 30 minutes or until tender. Drain lentils in colander.

Cook ground chuck, onion, and garlic in 4-quart Dutch oven over medium heat until browned.

Stir in lentils, tomatoes, chili powder, oregano, and salt. Cook over high heat until mixture comes to a boil. Reduce heat to low. Cover and simmer one hour, stirring occasionally. Makes six servings.

Mildred Hess
Myerstown



Lentils not only taste good, but they're good for you. The centuries-old food remains a favorite in soup dishes but is also appearing in muffins, salads, and even pizza.

LENTILS WITH SPARERIBS

- 1 1/2 cups cooked lentils
- 1 bay leaf
- 1 onion, sliced
- 1 teaspoon salt
- 1/2 teaspoon pepper
- 1 1/2 pounds fresh spareribs

Soak lentils in two quarts water overnight. Add seasonings and simmer slowly about one hour. Transfer to a baking pan. Cut spareribs into portions of 2 or 3 ribs each and brown quickly in frying pan. Season with salt and pepper while browning. Arrange browned ribs on top of lentils and bake in 350 degree oven for 1 1/2 hours.

SHAMBURGERS

- 1 cup dry lentils
- 1/2 cup rice
- 1/2 teaspoon salt
- Dash pepper
- 3 cups water
- 1 cup crushed bread crumbs
- 1 onion
- 1 egg

Bring lentils, rice, salt, pepper, and water to boil. Simmer 45 minutes; checking often to add more water if needed. Mash. Add bread crumbs, onion, and egg. Shape into patties. Fry. Serve on hamburger buns with ketchup.

Virginia Horning
Lancaster Co.

LENTIL LOAF

- 1 cup green lentils
- 1/2 cup barley
- 4 cups water
- 1 teaspoon sea salt
- 1 cup bread crumbs or cracker crumbs
- 1 clove garlic, minced
- 1 medium onion, minced
- 1 rib celery, sliced thinly
- 2 eggs, beaten
- 1/2 teaspoon nutmeg

Add lentils and barley to boiling salted water. Allow to boil for a minute, then reduce heat and simmer with lid ajar for about 40 minutes or until most of the water is absorbed. Remove from heat. Add bread or cracker crumbs along with remaining ingredients and mix well. Place mixture in a well-oiled 9x5x3-inch loaf pan. Bake at 350 degrees for 35 minutes. Allow to cool 15-20 minutes. Invert over a platter to serve.

Serves 6-8.
Mildred Hess
Myerstown

LENTIL SOUP

- 1 cup dry lentils
- 5 cups water
- 2 cups tomato juice
- 1 or 2 bay leaves
- 6 sliced hot dogs or browned hamburgers
- 1 1/2 teaspoon salt
- 1/2 cup onion, chopped
- 1/2 cup celery, chopped
- 1/2 cup grated carrots

Combine ingredients and simmer until veggies are tender.

Ephrata Reader

HOPPING JOHN

- 2 cups lentils
- 1 cup rice
- 4 quarts boiling water
- 1/2 teaspoon salt
- 1/2 pound salt pork, finely diced
- 2 tablespoons bacon drippings
- Salt and pepper

Rinse lentils and rice in cold water and drain. Simmer uncovered in boiling salted water with pork for 45 minutes, stirring occasionally. Drain, season, add drippings or butter.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

- | | | |
|----------|------|----------------------------|
| January- | 8 - | Beef |
| | 15 - | Soup's Ready |
| | 22 - | Pizza, Any Way You Like It |
| | 29 - | Breakfast Buffet |

(Turn to Page B8)

Milk Drinkers Make Better Holiday Drivers

HATFIELD (Chester Co.) — Soon, it will be time to party like it's 1999. To the majority of the world the new millennium will begin promptly at midnight 2000. Purists insist it is a 2001 celebration. Either way celebrations will abound.

Sadly, the more merry-making, the more alcohol-related tragedies will occur. According to the American Automobile Association, every 30 minutes someone in America dies because of an impaired driver. Every two minutes someone is injured.

Rosenberger's Dairies, set to

celebrate its 75th anniversary in 2000, suggests alcohol-free alternatives this New Year's eve. The company recommends milk-based party drinks, non-alcohol eggnog or iced tea. A delicious toast-tempting libation combines favorite ingredients guaranteed to please New Year celebrants:

Chocolate Cappuccino Chill I (blender required)

Cubed ice
4 ounces chocolate syrup
8 ounces half-and-half
6 ounces espresso
Fill blender 3/4 full with ice.

Add remaining ingredients. Blend until frothy. Pour into glass mugs. Garnish with whipped cream and chocolate shavings. Serves 4.

Chocolate Cappuccino Chill II (only spoon required)

Cubed ice
10 ounces cold coffee**
4 ounces chocolate syrup
8 ounces whole milk
Fill glasses 3/4 full with ice. Distribute chocolate, milk, and

coffee equally among glasses. Stir vigorously with spoon. Serves 4.

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From left, Marc and Bill Rosenberger plan to meet the millennium with milk! The two brothers are the third generation of one of the oldest independent family-owned dairies in the Delaware Valley, which will celebrate its 75th anniversary in 2000.

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Lancaster Farming

Winner To Be Announced In Jan. 15 Issue Of Lancaster Farming



If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send an SASE. If we receive an answer to your question, we will publish it as soon as possible. Sometimes we receive numerous answers to the same request, but cannot print each one.

Answers to recipe requests should be sent to the same address. You may also e-mail questions and answers to lgood.eph@lnpnews.com

QUESTION — Mary Winters, Elizabethtown, wants a recipe for hot wings or buffalo wings.

QUESTION — Mrs. Arthur Robbins, West Oneonta, N.Y., wants a good recipe for penuche fudge. Her husband's grandmother made a wonderful fudge that was sugary but not hard.

QUESTION — Shirley Schwoerer, Wysox, wants a recipe for Italian Riccota Bread, not using yeast.

QUESTION — Beverly Findleiz, Holtwood, wants a recipe for pumpkin delight, a delicious dessert served at Hoss's dessert bar.

QUESTION — Jody Applebee, Pratesburg, N.Y., wants a recipe that tastes similar to chow chow made at Kitchen Kettle Village.

QUESTION — Jody Applebee, Pratesburg, N.Y., wants a recipe her mom used to make. It is a sticky bun that has orange Tang as one of the ingredients.

QUESTION — Myrtle Sorge, Sicklerville, N.J., is searching for a recipe to make kidney pudding in casings.

QUESTION — Trina Boitnott, Boones Mill, Va., wants a recipe for pecan jelly and other nut-flavored jellies. She tasted pecan jelly in a specialty shop in Virginia. The jelly tasted exactly like pecan pie in a jar.

QUESTION — A reader wants a recipe for horseradish jelly.

QUESTION — Sandy Truckner, Avonmore, is looking for a recipe that had been printed in a children's cookbook that was popular in the late 1950s or early 1960s, where she lived in northeast Ohio. Called Eskimo Cookies, the no bake chocolate cookie did not contain rolled oats.

QUESTION — C. Savare, Neshanic Station, N.J., wants a recipe for potato salad with an oil and vinegar dressing, and does not contain eggs or mayonnaise.

QUESTION — Eva Marie Poliquin, Alburits, wants recipes for canning meats, soups, meatballs, chili, etc.

QUESTION — Nancy Melinain, Dunstable, Mass., wants the recipe for pumpkin fudge that tastes like that sold at Green Dragon.

QUESTION — Eva Marie Poliquin, Alburits, wants recipes to can spaghetti with meatballs, sausage, meats, soups, and chili.

QUESTION — Sue Slimmer, Myersville, Md., would like a bread recipe that uses a lot of grain. She'd also like to know of cookbooks featuring bread.

QUESTION — Jane Sauble, Manheim, wants a recipe for Moravian pie.

QUESTION — Janet Weisner, Kempton, wants recipes to make yeast breads in the following flavors: strawberry, blueberry, apple cinnamon, cheese, and cream cheese.

QUESTION — Norma Eckard, Gettysburg, wants a recipe for dietetic peanut butter balls and other sugar-free candy recipes.

QUESTION — A reader wants a recipe to make chicken chow mein for 50-100 people.

QUESTION — A reader wants to know if it's possible to make puffed wheat or puffed rice without much financial investment.

QUESTION — G. Sweitzer, Airville, wanted recipes for using gray Hubbard squash.

Lentils Maintain Popularity

(Continued from Page B6)

LENTIL BRAN MUFFINS

1 cup buttermilk
2 cups bran cereal
2½ cups all-purpose flour
1 tablespoon baking soda
½ teaspoon salt
1 cup lentils, rinsed, cooked, pureed
½ cup vegetable oil
1 cup granulated sugar
2 eggs, well beaten
Pour buttermilk over cereal and let stand until absorbed. In a

medium bowl, mix flour, soda, and salt; set aside. In a large bowl, heat oil, sugar, and eggs. Add the lentils, then the dry mixture and the cereal mixture. Pour into lined muffin tins or spread evenly in a greased 15x10x1-inch cookie sheet and bake in 350 degree oven; 15-18 minutes for muffins or 30-40 minutes for cookie bars.

Mildred Hess
Myerstown

QUESTION — Lydia Murphy-Althouse wrote that she is a new wife in Berks County and a new subscriber to this paper. She needs good-tasting bear recipes.

QUESTION — Phyllis Stauffer, Carlisle, wants a recipe that Little Caesar's used to have. It was a buttery dip with herbs that they served with breadsticks.

QUESTION — A reader wants to know where to buy Swiss cheese with a touch of ham and blue cheese by the roll or pound. She can find these items in 4-ounce packages, but they are very expensive. She would also like to know where to buy shrimp chips in a big box.

ANSWER — Here are a few recipes for Richard Kleckner, Quakertown, from an anonymous person.

Sara's Chocolate Cake

2 cups sugar
3 eggs
¾ cup vegetable oil
2¼ cups flour
1½ teaspoon baking soda
¼ teaspoon salt
¾ cup cocoa dissolved in 1½ cups hot water
Bake at 325 degrees until done, about 30 minutes.

Chocolate Chip Cookies

2¼ cups all-purpose flour (unbleached)
1 teaspoon baking soda
1 cup butter
1½ cups sugar
1 teaspoon vanilla
4-ounce package instant vanilla pudding
2 eggs
12-ounces package chocolate chips
Combine butter, sugar, vanilla, and pudding mix. Beat until smooth. Beat in eggs. Gradually add flour and baking soda. Batter will be stiff. Bake at 375 degrees for 8-10 minutes. To make the cookies more chewy, put about ¼ cup whole wheat flour in the batter.

Coffee Chocolate Cake

3½ cups sifted flour
2 teaspoons baking soda
1 cup shortening
2½ cups sugar
1 teaspoon salt
2 teaspoons vanilla
4 eggs
1 cup cocoa
2 cups strong coffee (2 teaspoons coffee in cup of hot water)

Sift together flour and baking soda. Set aside and turn oven to 350 degrees. Blend shortening, sugar, salt, and vanilla and eggs until smooth. Add the flour mixture alternately with coffee mixture beginning and ending with flour. Bake at 350 degrees for 30-35 minutes. Makes three 9-inch layers.

ANSWER — Dianne Decker, Shippensburg, wanted a recipe for Shaker Pie, which is a very wet pie made with coconut. Here's a pie recipe, not called shaker but wet and with coconut. Thanks to Mrs. Nathan Rudolph, Greencastle, for sending it.

Kentucky Derby Pie

¼ cup butter
1 cup sugar
½ cup evaporated milk
3 eggs, beaten
½ cup light corn syrup
½ cup nuts
½ cup chocolate chips
¼ cup coconut
1 teaspoon vanilla
¼ teaspoon salt
Cream butter and sugar. Add beaten eggs, syrup, milk, salt, and vanilla. Stir in ¼ cup nuts and coconut. Pour into 9-inch unbaked pie shell. Combine remainder with nuts, coconut, and chocolate chips. Put on top. Bake 40 minutes at 375 degrees.

OLD WORLD PIZZA

Cheesy Rice Crust (recipe follows)

4 cups water
1 cup dried lentils
1 pound bulk pork sausage
3 (15-ounce) cans tomato sauce
2 teaspoons dried oregano leaves
2 teaspoons dried thyme leaves
¾ teaspoon garlic powder
½ teaspoon dried basil leaves
1½ cups shredded mozzarella cheese

½ cup grated parmesan cheese
Prepare cheesy rice crust for two pizzas as directed below. Bake in 450-degree oven 20 minutes or until set.

Heat water in 3-quart saucepan over high heat until it comes to a boil. Add lentils. Cover and simmer 30 minutes or until tender. Drain lentils in colander. Return to pan. Mash lentils, using potato masher.

Cook sausage in 10-inch skillet over medium heat until browned. Pour off excess fat. Stir in mashed lentils.

Combine tomato sauce, oregano, thyme, garlic powder, and basil in bowl. Blend well. Spread half the tomato mixture over each cheesy rice crust. Top each with half the sausage mixture, half the mozzarella, and half the parmesan.

Bake in 450 degree oven 10 minutes or until hot and bubbly. Makes two pizzas or 16 servings.

Note: Pizzas may be frozen before baking. Bake frozen pizza in 450 degree oven 15 minutes or until hot.

Cheesy Rice Crust: Combine 5 cups cold cooked rice, 4 eggs, beaten, and 1½ cups shredded cheddar cheese. Mix well. Divide mixture between two greased 12-inch pizza pans. Lightly press into bottoms and up sides of pans.

Mildred Hess
Myerstown

LENTIL-RICE TOMATO SOUP

1 medium onion, chopped
2 tablespoons oil
1 cup dry lentils
½ cup brown rice
6 cups water
1 pound tomatoes (fresh or canned), diced
Pinch sweet basil
Salt and pepper to taste
Saute onion in oil until golden, not brown. Add the lentils and rice. Add water and bring to a boil. Cook over low heat until the lentils and rice are done. Add the tomatoes (whole and sauce), sweet basil and seasoning. Heat before serving. Serves 6.

LENTIL BARLEY SOUP

¾ cup onion, chopped
¾ cup celery, chopped
¾ cup butter
2 cups crushed tomatoes
2 cups water or tomato juice
1 cup chicken broth
¾ cup lentils, rinsed
¾ cup barley
1 tablespoon rosemary
½ teaspoon ground black pepper
¾ cup shredded carrots

In a large pot, saute onion and celery in butter until tender. Add remaining ingredients, except carrots. Cover and simmer 35 minutes, stirring occasionally.

Add carrots, cover, and cook five more minutes. Makes four to five servings.

Mildred Hess
Myerstown

(Turn to Page B9)

Cook's Question

(Continued from Page B8)

ANSWER — April Stierly, Canton, wanted to know what she is doing wrong because all her muffins and cupcakes made from scratch do not raise properly. Thanks to Rhoda Conover, Gettysburg, who writes that it is important not to overbeat the batter. Just stir and let some lumps in the batter. Excess beating will cause over development of the gluten in the flour and preformation and escape of carbon dioxide that is needed for leavening the pancakes.

ANSWER — Cindy Stahl, Elm, requested a recipe for a crunchy cookie ball that has been rolled in powdered sugar and has a chocolate kiss candy hidden inside. Thanks to Leora Petet, Hollsopple, for sending a recipe.

Chocolate Center Cookies

- 1½ cups sugar
- 1½ cups shortening
- 6 eggs
- 1 can milk
- 10½ cups flour
- 1½ teaspoons baking powder
- 2 teaspoons vanilla

Glaze:

- 1 pound powdered sugar
- ½ cup warm milk
- 1 teaspoon vanilla

Cream well first three ingredients. Mix in baking powder and vanilla. Add flour and milk alternately. Mix by hand. Take small pieces of dough and wrap around a chocolate kiss. Roll into ball and seal. Bake at 375 degrees until set. Ice with glaze while hot.

Glaze: Mix and brush on cookies while still hot and cool on racks.

ANSWER — Mrs. Floyd Austin, Amsterdam, N.Y., wanted a recipe to make peanut brittle candy. Thanks to Gloria Sweigart, Manheim; Norma McClure, York; Mrs. E. Good, Port Trevorton; Leora Petet, Hollsopple; and others for sending similar recipes. Some write not to flatten mixture when poured out or it won't be crumbly; others say to spread the mixture as thin as possible. Here is Gloria's recipe.

Easy Microwave Peanut Brittle

In a 1½ -2-quart microwaveable casserole dish, combine:

- 1 cup sugar
- ½ cup white Karo syrup

Cook on high 4 minutes. Remove, and add 1 cup salted peanuts or cashews. Cook on high 3 to 5 minutes until light brown. Remove, add 1 teaspoon butter and 1 teaspoon vanilla. Blend well. Cook 1 to 2 minutes more until brown. Remove, add 1 teaspoon baking soda, stir gently until it foams. Pour into well buttered cookie sheet. When cool, break into pieces. Store in airtight container.

Here is Norma's recipe.

Butter Nut Brittle

- 2 cups sugar
- 1 cup light corn syrup
- 1 cup water
- 3 cups salted peanuts
- 2 tablespoons butter
- 2 teaspoons vanilla
- 2 teaspoons baking soda

Mix together sugar, syrup, and water in large heavy pan. Cover, heat until boiling. Uncover and cook rapidly to 236-degrees. Stir nuts in slowly, keeping mixture boiling all the time, stirring constantly to 280 degrees. Stir in butter, continue cooking to 300 degrees. Remove from heat. Stir in vanilla, sprinkle soda over top. Quickly stir vigorously about 15 seconds until mixture is puffy.

Pour into buttered 15x10x1-inch pan at once. Cool completely. Break into bite-sized pieces and store in airtight container.



4-H HAPPENINGS

North Mountain 4-H

North Mountain 4-H Club's last meeting was Nov. 22. The next meeting date will be Jan. 31 at the Waterworks Fire Hall, from 6:30-8 p.m.

In the 4-H club, the kids that did cake decorating made ginger bread houses for the Ronald McDonald house. Different types of candies were used on the gingerbread.

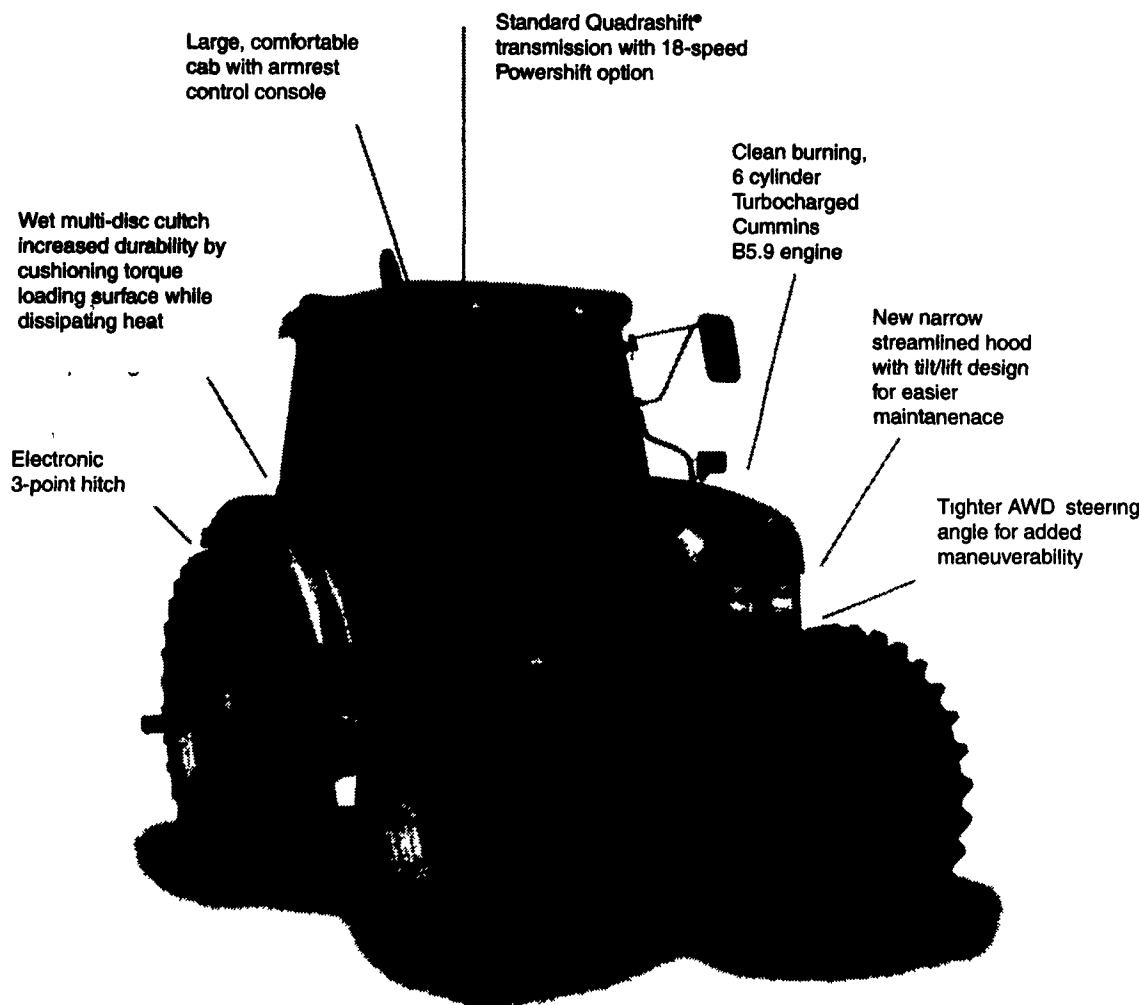
The upcoming 4-H projects for winter are entomology, all year-round and outdoor gardening, with raised beds and compost bins. The dates for outdoor gardening at Feb. 10, 17, and 24; March 9, 23, 30; April 6 and 27; and May 11 and 25.

Community service projects for 2000 include collecting soda tabs for the Ronald McDonald house, working on the 4-H activity center, and various petting zoos.

Union County Teen Club

On Dec. 16, members went to Sunset for our Christmas Party. The club had pizza and made ice cream sundaes. Then they played some games.

Out of 10 members and four adults, Amanda Perry won a roll of toilet paper and, during another game, Valerie Spangler had to pretend she was making an angel out of snow.



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Make Your Own Time Capsule

Gail Strock
(artwork by Aaron Strock)
Mifflin Co. Correspondent

What is time?

It's not the clock on the wall. It's not something we can take a picture of or buy a bucket of.

We can describe its characteristics. Time is always moving forward. It has a past, a now, and a future.

But what is time exactly?

The World Book Encyclopedia tells us to think about time as a change from a before to a now. For example, yesterday (before), the ground was dry. Today (now), it's covered with snow. The period between the before and the now shows that time has passed. Thus, when change happens, time passes.

Some changes occur on a regular basis - the rise and setting of the sun and moon, the changing seasons, the waves breaking on the shore. Events or changes that happen at random are measured by the changes that happen on a regular basis. We know, for example, that a thunderstorm occurred three days ago because of the regular rising and setting of the sun.

By measuring time, we can see how things change. The clothing children wear today is different from what was worn 100 years ago and extremely different from what we imagine men and women wore when they first walked on earth. We learn of more recent changes through books, videos, movies, artwork, newspapers, and magazines.

One hundred years from now, people will be wondering what life was like at the turn of this millennium. More specifically, some of your family members generations from now will be wondering what your life was like at this momentous time in history. You can let future generations know by putting together a time capsule.

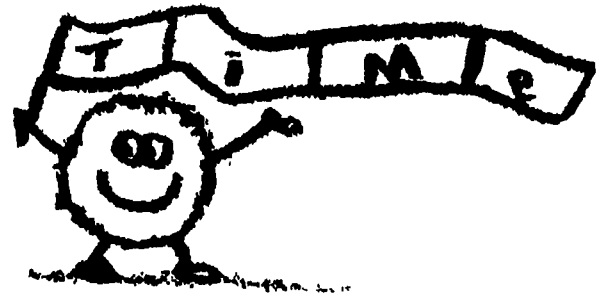
Create Your Own Time Capsule

A time capsule helps record what life was like for a civilization during a certain time in history. Time capsules are usually large plastic containers filled with items, sealed, and then opened many years later. Time capsules were buried at the New York World's Fairs in 1939 and 1964. When the United States celebrated its 200th anniversary from 1975 to 1976, many people buried time capsules. One very large time capsule in Seward,

Nebraska, even holds an automobile and a motorcycle. It will be opened in 2025.

This would be a good time to put together your time capsule. You don't need to bury it. Just keep it in a safe place. Be sure to put a note inside that tells who made the time capsule and when. Be sure to date it! Here is a list of items you might want to include in your time capsule. Add your own ideas.

- Children's toys
- Newspapers and magazines
- Diary entries
- Photographs
- Family tree
- Written family history (Interview your parents and grandparents about what life was like during their childhood. Be sure to record their ages, the date they were born, and the time era they're talking about.)
- Coins or paper money



Let's look at the following time measurements.

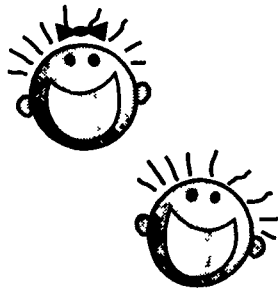
day - a length of time based on the rise and fall of the sun

month - based on the change in the visible shape of the moon

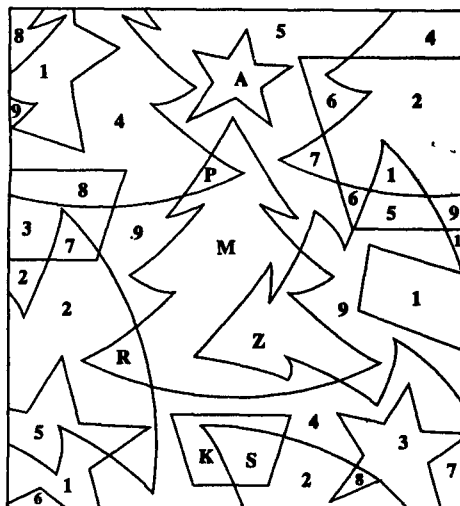
seasons - the cycle of four seasons (approximately 365 1/4 days)

week - not based on any earthly changes; came from the Jewish custom of observing the Sabbath every seven days

hours, minutes, seconds - clockmakers could show these smaller divisions of time on the face of a clock

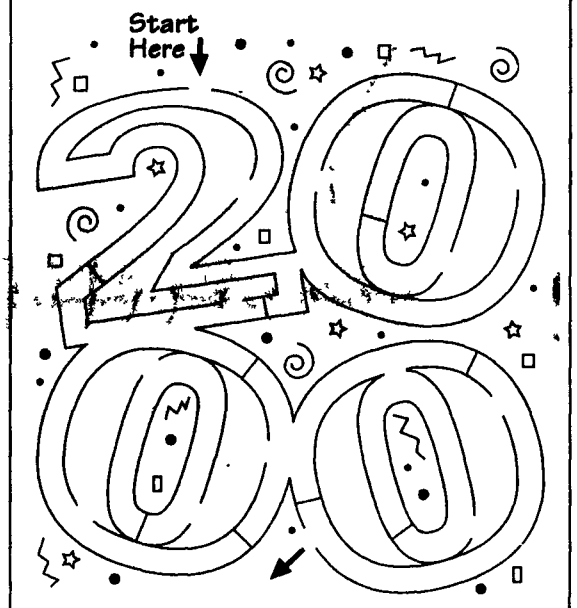


HIDDEN PICTURE



Color in each space that contains a letter.

MAZE



Smart Stuff

WITH TWIG WALKINGSTICK

Why is it important to be Y2K ready?

Because hundreds of your everyday activities depend on computers

For example, you've used computers to write school papers or search for books at the library. Computers also maintain bank accounts, run VCRs, keep automated heating systems for buildings working and run ventilators for hospital patients

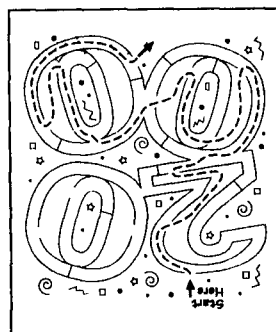
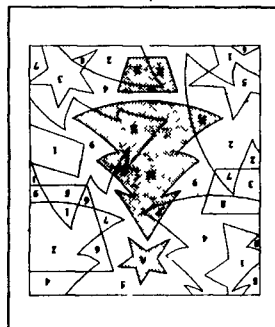
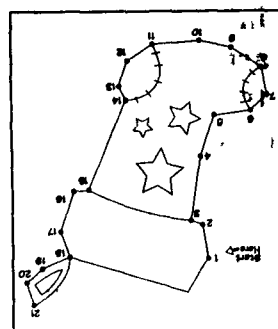
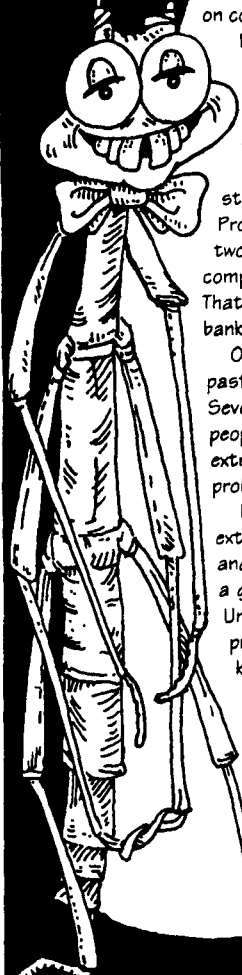
The Y2K problem - which is short for Year 2000 - started decades ago when computers had limited memory. Programmers saved space by shortening the year to the last two digits. So, when the calendar changes to Jan 1, 2000, the computer systems may read the date as Jan 1, 1900, instead. That would create a whole slew of problems in everything from bank accounts to electricity delivery to airport control centers.

On the bright side, people have been working overtime the past several years to prevent any Year 2000 mishaps. Several companies are taking precautions by putting extra people on duty New Year's Eve or staying closed a couple extra days after Jan 1, just to make sure any unexpected problems can be fixed right away.

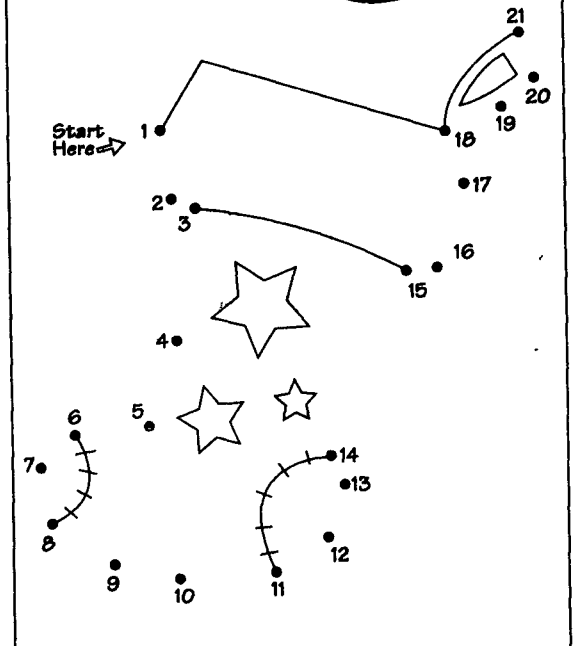
For your part, be sure to have a battery-powered radio, extra blankets, several flashlights, and enough bottled water and canned goods on hand for at least three days. That's just a good practice, according to our friends at Ohio State University who specialize in safety and disaster preparedness. Most likely, you won't need the survival kit for a Y2K problem - but it sure will come in handy if you get snowed in by a big winter storm!

Scientifically yours,

Twig



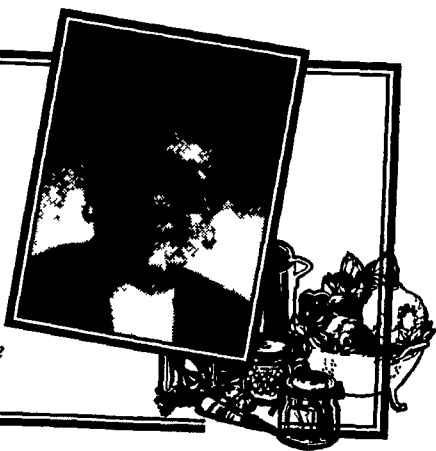
connect the dots



Consuming Thoughts

by
Fay Strickler

Penn State Extension Home
Economist For Berks Co.



You probably have seen some new varieties of citrus from Florida in the supermarkets, but did you know that the different types of citrus have different flavors and acidity. Since Florida has about three hundred days of sunshine you'll be able to select from the many varieties available.

The following list should help you choose the types, varieties and know the seasonal availability of the citrus:

Navel (available October to January) - The navel has large to extra large fruit. It is deep

yellow to orange color with a pebbly, medium-thick peel, and is usually seedless. Of all the early varieties, it is best suited for hand eating. Navel oranges can be used for juice, but a bitterness often develops in the juice if not consumed with a short period of time. The most popular variety of navel oranges is Washington.

Hamlin (October to January) - Hamlin oranges are medium-sized, with a round to oval shape. The peel is thin and smooth. The flavor is sweet, and the fruit is almost seedless. The

juice is light in color and mild in flavor.

Parson Brown (November to January) - This type is medium to large in size, round in shape, with a light orange color and pebbly peel. The juice is low in acid and not too sweet.

Pineapple (December to February), the pineapple orange is a medium to large sized, round to oval fruit with a pebbly peel and some seeds. A beautiful red-orange peel develops when night temperatures drop below 55°F. Juice quality and color are excellent.

Queen (January and February), This type has a medium to large size, much like the pineapple. Claims have been made that is in more cold-hardy than the pineapple.

Valencia (March to June) - Valencias are seedless and are medium to large in size with a moderately thick peel. It is the leading variety of sweet oranges both in Florida and in the world. The peel, juice quality and color set the standards of excellence against which other sweet oranges are compared.

Select oranges that are firm and thin-skinned. The best way to judge an orange is by weight in relation to size. Heaviness is a clue to juicy fruit. Some of the best fruit may have tinges of green or brown spots on the skin. Cold weather causes fruit to develop a bright orange color, while usually warm weather may allow fruit to become fully mature and yet remain green. Chlorophyll production increases in the spring and causes "regreening" of the peel in thoroughly ripening fruit.

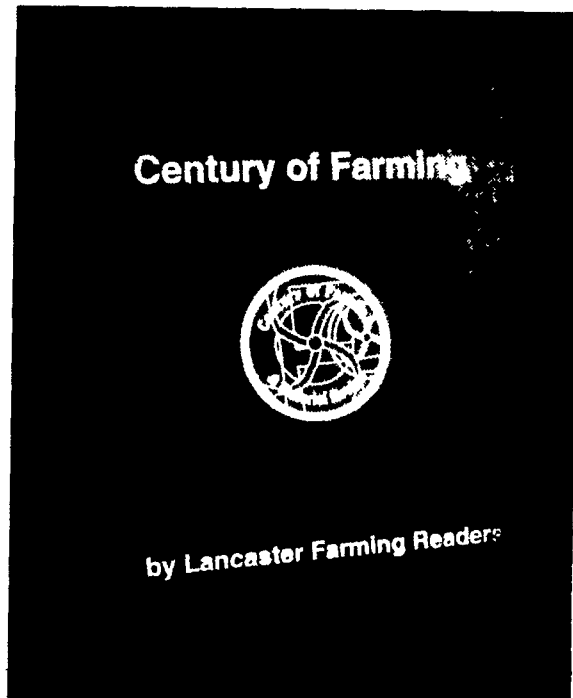
After harvesting, oranges will maintain a high quality only 2 to 3 days at room temperature. Commercial citrus, however, is sanitized by a process of washing and waxing that helps to extend storage life. Oranges usually keep three to four weeks under refrigeration but their best storage temperature is between 50 and 60°F, which is somewhat warmer than home refrigerators.

Oranges have long been recommended as a dependable source of Vitamin C. This is important because vitamin C helps increase iron absorption by the body. Oranges are also rich in vitamin A, are a well known source of folic acid, and contain smaller amounts of other B vitamins. Heat, light and air exposure destroy several of these important vitamins. For this reason, you should prepare only enough oranges for immediate use. Cover leftovers and refrigerate immediately; then use as soon as possible.

To estimate yields for fresh oranges, use this guide: 1 to 2 medium oranges yield 1/2 cup juice, and 1 medium orange yields: 1/2 cup bite-sized chunks, 4 teaspoons grated peel or 10 sections.

New shipment to be sent in about six weeks!

Century of Farming



A pictorial history
of farming from 1900 to 1999
as presented by
readers of *Lancaster Farming*.

Everett R. Newswanger, Editor

Lancaster Farming
Publisher

The first shipment of *Century of Farming* has already sold out. *Century of Farming* is the book that recalls family involvement and the historic significance of agriculture's heritage in the last 100 years. This treasure chest of memories includes 120 pages of old photographs from the family albums of readers of *Lancaster Farming*. In addition, Editor Newswanger has written a preface that takes you from the "Golden Age" of agriculture as the 20th century began, through the Depression and on to the tremendous contrast of biotechnology.

The response in sales has been almost overwhelming. And after we ran out of the book, we still had a big stack of orders from disappointed people who really wanted a copy-- especially after they saw it. Therefore we have arranged with the printer to do another run to fill the orders we have in hand and some extra for those who still would like to send in for a copy. We expect delivery to be in about six weeks.

If you have sent us a check, money order, or put your order on a credit card we will apply your order toward one from the next shipment, unless you tell us not to. If you want to still order a book(s) use this order form and send it to Lancaster Farming today.

Orders will be taken on a first-come basis.

Century of Farming, A Pictorial Review

Please enter my order for:

____ copies of *Century of Farming, A Pictorial Review* at \$34.95 (sales tax included) per book.

Please find enclosed my payment in full of \$38.90 (\$34.95 + \$3.95 mailing) per book. Make checks payable to Lancaster Farming. My mailing address where I want to receive my book(s) is as follows:

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☐ Check or
Money Order
☐ Master Card
☐ Visa
☐ Discover

Chg. Card No.

Name _____

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City _____ State/Zip _____

Phone _____

Carefully write in your ACCOUNT NUMBER (all digits)

Signature _____

Exp. Date _____

Mail to: Lancaster Farming, Box 609, 1 E. Main St., Ephrata, PA 17522

Lancaster Farming

Classified Ads

Now searchable on the Internet.



Check Out
Our Web Site

www.lancasterfarming.com

QUESTION — Eva Marie Poliquin, 242 Pilgert St., Alburty, PA 18011, wants recipes for goat milk soap and also would like to correspond with someone who has experience making it. She also needs a supplier for soap making products particularly goat milk and natural cleansing agents.

QUESTION — Harold R. Stoudt, Hamburg, is in search of a rust inhibitor for a Drain Back Solar Domestic Hot Water System. The inhibitor must be non-toxic so that the water would be suitable for human consumption in case of leaks and it must mix well with water.

(Turn to Page B15)

RELIABLE, REPENDABLE EQUIPMENT & SERVICE

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MARYLAND

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NEW JERSEY

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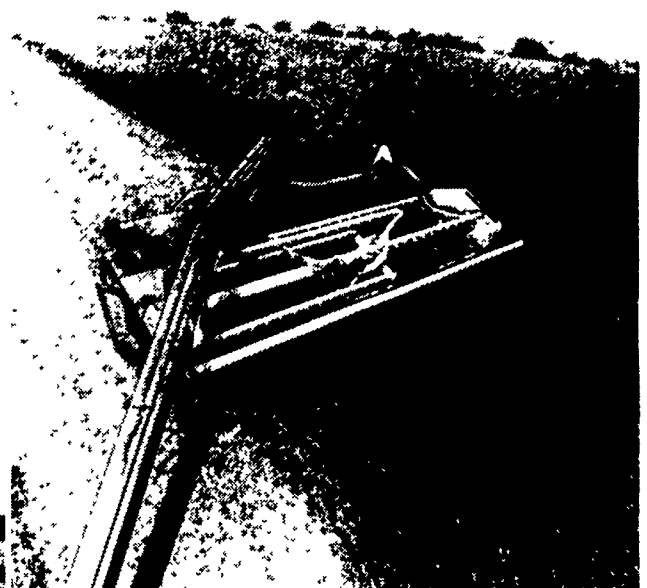
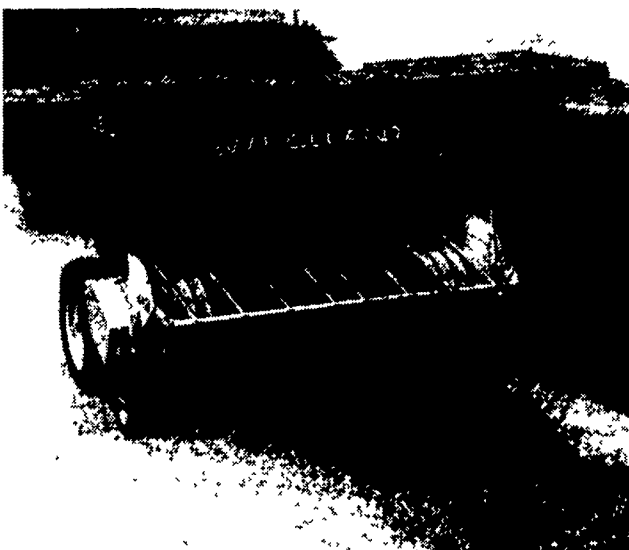
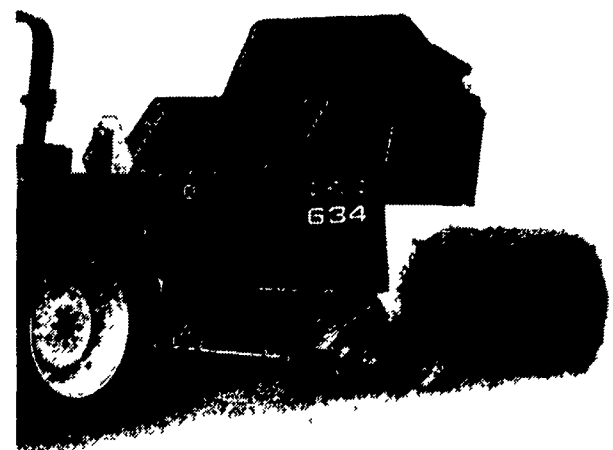
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NEW HOLLAND

1999 Combines Food, Family, and Farms For Heartwarming Year

JAYNE SEBRIGHT

Lancaster Farming Staff
EPRATA (Lancaster Co.) —
The *Lancaster Farming* knows
that the quickest way to a farmer's
heart is through their stomach.
That's why section B was
invented.

For years, section B has touched
hearts and enticed stomachs
through human interest articles,
farmgrown recipes, and reader-
contributed essays and photos. But
it's the people featured in section B
bringing readers back for more
heartwarming stories each week.
1999 was no exception.

Here are some highlights from
this millennium-ending year.

In January, we met the newly-
crowned Pennsylvania Fair
Queen, Julie Sechler. A native of
Meyersdale in Berks Co., Julie was
crowned during the Pennsylvania
State Association of County Fairs
convention.

In February, we learned how to
wrap and roll into one of the
nation's latest food trends. Nancy
Wiker, Lancaster Co. Home Eco-
nomist, presented a Wrap and Roll
Workshop with recipes that were
then featured in the *Lancaster
Farming*.

We also traveled to Wernersville
in Berks Co. for Fasnacht Day.
Helen Schaeffer joined her sisters
in showcasing an old family tradi-

tion in making fasnachts.

In March, we met Lacey Zakos-
telecky from Springboro in Craw-
ford Co. Lacey was the Pennsylva-
nia Alternate Dairy Princess and
the first of the three Pennsylvania
dairy royalty to be interviewed by
the *Lancaster Farming*.

The Zakosteckys have Lacey
to thank for their venture into the
dairy business. Originally a beef
farm, Lacey influenced her family
to start milking cows when she
began raising her first 4-H dairy
heifer.

In April, we traveled to the Quil-
ter's Hertiage Celebration in Lan-
caster. More than 500 quilts were
showcased during the four-day
event, which drew 20,000 people.

Shirley Krall, Pennsylvania Ag
Spokesperson of 1999, from Leba-
non Co. was featured in May.
Selected by the Pennsylvania
Young Farmers Association, Shir-
ley was looking forward to sharing
her passion for farming with her
urban neighbors.

The story of Sam and Bev Minor
topped June's features, with their
404-acre dairy farm threatened by
potential sinkholes resulting from
long-term coal mining. The
Minors have a herd of Holsteins, a
milk jugging business, dairy store,
restaurant, and catering business in
Washington Co.

Also in June, the Kids Korner
reported on Oregon Dairy's Fam-
ily Dairy Days that attracted 8,000
kids. The three-day event educated
children on the aspects of a work-
ing dairy farm.

In early July, we announced the
winners of the dairy recipe draw-
ing. Hundreds of readers submit-
ted recipes and photos, along with
family stories, that were featured
in section B during June.

We traveled to Ag Progress
Days in Centre Co. in August. Due
to more ag education exhibits, the
three-day event drew more fami-
lies this year than any other year.



Newly-crowned Pennsylvania Dairy Princess Lori Connelly joined the ranks of other state dairy royalty: (L to R) Tamara Marsich, Delaware Dairy Princess; Jeena Rinehart, Maryland Dairy Princess; and JoAnna DeBlock, New York Dairy Princess.

The *Lancaster Farming* also
introduced new Pennsylvania
Grange Junior Ambassadors, Ann
Keefer of Berks Co. and William
Schlemmer, Jr., of Lawrence Co.

In September, potato growers
William Robert and Shirley Tall-
man of Bethel were named Berks
County Farm Family of 1999. The
Tallmans are involved in all areas
of the potato industry, from grow-
ing seed potatoes to marketing and
even eating.

New Pennsylvania dairy royalty
were also introduced in Septem-
ber. Lori Connelly of Fairbrook,
Centre Co., was crowned Pennsylva-
nia Dairy Princess, while Aman-
da Gilkinson of Erie Co. and
Rebecca Kilgore of York Co. were
named Pennsylvania Alternates.

Carrie Hartman of Bernville dis-
played her essay on "Experiences
In Raising Sheep" in October. Car-
rie's essay won her first place in a
contest sponsored by Del Val Col-
legiate 4-H.

In November, Dana Groff from
Quarryville was announced as the
new Lancaster County Poultry
Ambassador. Dana was the first to
be named as Ambassador by the
Lancaster Co. Poultry Associa-
tion. The organization moved
away from naming a "Poultry
Queen" to promote a more educa-
tional role for their industry
representative.

And the *Lancaster Farming*
joined Lebanon countians in bid-
ding a bittersweet farewell to Let-
tie Schadler. After serving Leba-
non Co. Extension for 30 years,
Lettie retired as both director and
family & consumer sciences agent
in late November.

This is just a sampling of the
many families and faces that were
featured in section B during 1999.
The staff at *Lancaster Farming*
look forward to 2000 and to
another year of featuring food,
farms, and families in our beloved
B section.



A familiar sight at this year's Ag Progress Days — both parents and kids could find plenty to see and do during the three-day agricultural event.



Pennsylvania Ag Spokesperson Shirley Krall spent time explaining the farmer's role in America's food supply to a local elementary class.



The Minor family in Washington Co. watched their farm crumble around them due to sinkholes caused by underground mining. Still in negotiation with the local coal mining company, the Minors are hoping to find the silver lining on the cloud. On a more positive note, Bev Minor has recovered tremendously after suffering from a collapsed lung in September.

Global Good Luck Traditions

Global Good Luck Traditions

With New Year's upon us,
here's a look at some of the good
luck rituals from around the
world. They are believed to bring
good fortune and prosperity in the
coming year.

Austria: The suckling pig is the
symbol for good luck for the new
year. It's served on a table deco-
rated with tiny edible pigs. Dessert
often consists of green peppermint
ice cream in the shape of a four-
leaf clover.

England: The British place their
fortunes for the coming year in the
hands of their first guest. They be-
lieve the first visitor of each year
should be male and bearing gifts.
Traditional gifts are coal for the
fire, a loaf for the table, and a
drink for the master. For good
luck, the guest should enter
through the front door and leave
through the back. Guests who are
empty-handed or unwanted are
not allowed to enter first.

Wales: At the first toll of mid-
night, the back door is opened and
then shut to release the old year
and lock out all of its bad luck.
Then at the 12th stroke of the
clock, the front door is opened and
the new year is welcomed with all
of its luck.

Haiti: In Haiti, New Year's Day
is a sign of the year to come. Hai-
tians wear new clothing and ex-
change gifts in the hope that it will
bode well for the new year.

Sicily: An old Sicilian tradition
says good luck will come to those

who eat lasagna on New Year's
Day, but woe if you dine on maca-
roni, for any other noodle will
bring bad luck.

Spain: In Spain, when the clock
strikes midnight, the Spanish eat
12 grapes, one with every toll, to
bring good luck for the 12 months
ahead.

Greece: A special New Year's
bread is baked with a coin buried
in the dough. The first slice is for
the Christ child, the second for the
father of the household, and the
third slice is for the house. If the
third slice holds the coin, spring
will come early that year.

Japan: The Japanese decorate
their homes in tribute to lucky
gods. One tradition, kadomatsu,
consists of a pine branch symbol-
izing longevity, a bamboo stalk
symbolizing prosperity, and plum

blossom showing nobility.

Peru: The Peruvian New Year's
custom is a spin on the Spanish
tradition of eating 12 grapes at the
turn of the year. But in Peru, a
13th grape must be eaten to assure
good luck.

China: For the Chinese New
Year, every front door is adorned
with a fresh coat of red paint, red
being a symbol of good luck and
happiness. Although the whole
family prepares a feast for the new
year, all knives are put away for
24 hours to keep anyone from cut-
ting themselves, which is thought
to cut the family's good luck for
the next year.

Norway: Norwegians make rice
pudding at New Year's and hide
one whole almond within. Guar-
anteed wealth goes to the person
whose serving holds the lucky al-
mond.

Master Gardeners Class

TOWANDA (Bradford Co.) —
Penn State Cooperative
Extension in Bradford County
will hold classes for new Master
Gardener trainees beginning on
February 15.

Trainees will need to take 30
hours of classes and then will
need to pay back 50 hours of
community gardening volunteer
work within two gardening sea-

sons in order to receive certifica-
tion as a Bradford County
Master Gardener.

Applications are available at
the extension office. The dead-
line for applications is Dec. 17.
Each applicant will be inter-
viewed and take a gardening
test in January.

For more information call
Tom Maloney at (717) 265-2896.

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You Ask, You Answer

(Continued from Page B12)

QUESTION — Anna Bryan writes that years ago her mom had an angel food cake pan with a lid on top. She asks where she can find one with a lid.

QUESTION — Sharon Myers wants to know where in Lancaster or York counties to have the chrome on an old cookstove replated and the firebrick replaced.

QUESTION — A reader from Ephrata wants to know where to purchase rubber or plastic ends for croquet mallets. She has two good sets but the plastic ends are broken.

QUESTION — Janet Lawton, Wellsboro, is searching for the address and phone number for Tom Schell, who wrote "An Introduction to the Dried Floral and Woody Ornamental Business." She believes Schell lives in Illinois or Indiana.

QUESTION — A reader wants to know where to find replacement paddles for a 2-quart Sears and Roebuck ice cream freezer, Model No: 238 1968.

ANSWER — Joseph Becker, Huntington, N.Y., offered to pay a person to take down and disassemble an old aermotor windmill and tower. The wind mill is 8-feet and the tower is about 50-feet high. The mill is located on his Long Island farm. He promised to provide transportation and lodging if needed. Stephen Lapp writes that he does that kind of work and would be happy to make the trip to Long Island if Becker provides transportation and lodging. Lapp does not have a phone, but can be reached at 69 Long Lane, Kirkwood, PA 17536.

ANSWER — A reader wanted to sell seven used bikes. Thanks to Ted who writes that he buys used bikes in good condition. Is interested in the seven. Call Ted at (215) 822-8066.

ANSWER — A reader wanted to know where in Pennsylvania cast iron bells are made and can be purchased? Thanks to a reader for sending information that cast iron bells in a variety of sizes can be purchased from Lorenzo, Rt. 309, Hatfield, PA 19440. Phone 800-290-3264.

ANSWER — Dixie Fix, Harrisonville, wanted three more Readers' Digest books to complete her set. Jim Schmieg writes that he has 100 books from 1950-1980, which he is willing to sell at a reasonable price. Write to him R-5, Box 5182, Towanda, PA 18848-9369.

ANSWER — Pete Westover wanted a used milker unit. John Clark, Annville, writes that he has a Surge compressor and motor, and a stainless milker with all attachments in good shape. He will sell for a reasonable price. Write to him at R.2, Box 575, Annville, PA 17003.

Resident Birds

LANCASTER (Lancaster Co.) — A county park naturalist presents a slide program about birds living permanently in Lancaster County Central Park. This program is helpful to beginning bird watchers. Meet in the environmental center in Central Park, Thursday, Jan. 13. Register at 717-295-2055.

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CONTACT:

Gettysburg, PA 717-624-3331

Mt. Pleasant, PA 724-542-7930

Centre Hall, PA 814-364-9500

Meadville, PA 814-336-5083

Phillipsburg, NJ 908-454-7900

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Cathy Levan holds the halter of her Piedmontese heifer, named Cheyenne, which won reserve junior heifer over all at the North American International Livestock Exposition. Cathy, her brother Jason, and Mom, Shirley, are excited

about the potential of the Piedmontese that they raise on their Berks County Meadow Hills Farm. The breed, which originates in Italy, is genetically lower in fat and consistently more tender than other breeds according to USDA tests.

Piedmontese Is Choice Breed For Levan Family

LOU ANN GOOD
Lancaster Farming Staff
HAMBURG (Berks Co.) —
Cathy Levan knew that she had a
top-notch heifer in the show ring.

Problem was, the judge did not
know it.

Judges look for minimal fat cover
and the double muscling of the
Piedmontese breed was mistaken-

ly interpreted as excess fat — until
the carcass was judged. Then the
steer bought three cents more per
pound than any of the other 4-H
projects slaughtered that day.

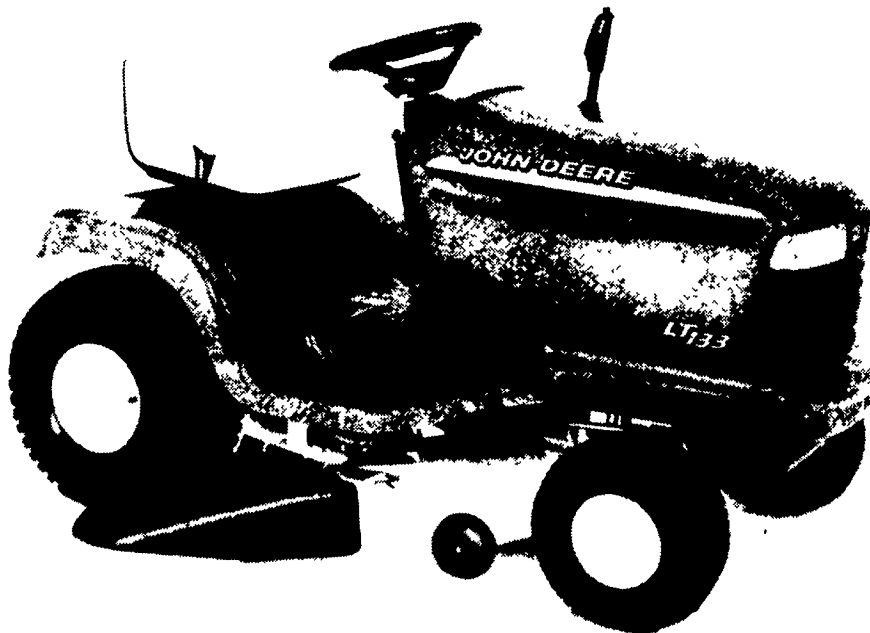
"The Piedmontese breed
doesn't have near the waste of
other breeds," Cathy's mom, Shir-
ley, insists.

*The Piedmontese breed appears

a bit lumpy with its heavy mus-
cling and short, dense hair coat.
Grazing in the pasture, the gray-
white cattle seem similar to the

(Turn to Page B17)

Over 160 years in the making



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Piedmontese Is Choice Breed For Levan Family

(Continued from Page B16)

Charlois breed that the Levans also raise on their Berks County farm.

The Levans were looking for a niche market that would keep them from being at the mercy of low market prices. Piedmontese allows them to get a premium.

They sell finished beef to the Ohio Better Beef and to Georgetown Farms, who provide beef to the organic, no hormone market.

The Levans are pleased with the prices paid by the two companies. The pay rate is a bit different, but averages out to about the same amount. Georgetown Farms pays top price plus 12 percent live weight. Ohio pays 15 percent over top market price for hanging weight.

"The nice thing is that we don't need to pay shipping," Shirley said. The cattle are loaded on a truck at the Leesport Auction located within a few miles of the Levans.

For the past 15 years, the Levan's have lived on a Hamburg farm where they raise 60 head of beef and all the calves to finishing. They farm in partnership with Paul's parents. In addition to the 60-acres on the farm, they rent 250 acres.

Justin, 18; Cathy, 15; and Jason, 12, share duties on the farm. Justin takes care of most of the field work and manure removal since his father has an off-the-farm job.

According to Shirley the Piedmontese breed was imported to the U.S. within the past 10 years. Piedmontese cattle originate from Italy where it is the most popular breed.

Shirley said, "Piedmontese produce extra lean meat with more high quality cuts than any other breed. Bone structure is finer, hinds weigh less, and dress out much better."

Case in point is a recent heifer that a group judged would give 12 ribeyes. It dressed out to 16.9-inch ribeyes with .3 backfat.

Even hanging on the rail, doesn't do justice to the Piedmontese in many cases.

"On the rail, the meat looks similar to deer meat because it is lean, but it has a real beefy taste," Shirley said.

To the untrained eye, the meat looks more like a bull carcass because of the double muscling, and the meat is expected to be tough because it has no marbling. In actuality it's pure beef that is amazingly tender and takes only half the time to cook as an ordinary cut of meat.

Most lean beef produced sacrifices flavor and tenderness because fat cover and marbling has been associated with good flavoring. Piedmontese have no marbling and minimal fat cover but provide tender, juicy beef flavor. All this, according to Shirley, is due to genetics.

About half the herd is Charolais, but the Levans prefer the Piedmontese both for taste and for handling.

"Piedmontese are very docile," Shirley said. "Even a half blood will tone down the whole temperament of a Charolais."

There is a drawback to raising Piedmontese. They grow a bit slower than the average calf, because they put on more muscle. The Levans have had some problems with first time calving of half blood heifers, but no trouble with full blood.

Although the cattle have access to two barns, they remain in the

pasture except for the most fierce storms.

"They seem to know the best place for their health is outside," Shirley said. "We have no respiratory problems — or any health problems — with them."

Because the cattle spend their time in the pasture with little exposure to human contact, they are more aggressive and protective of little ones.

The Levans wanted to see what a bunch of really good Piedmontese cattle looked like in the show ring so they decided to attend the North American International Livestock Exposition (NAILE), held November 15. They took along two heifers to show.

Cathy said, "I am so accustomed to being placed at the bottom that when the judge motioned me to the top, I couldn't believe it."

After placing first in her class, Cathy went on to capture the reserve junior heifer over all with her heifer Cheyenne.

The heifer is considered outstanding for very thick muscling and correct underpinning. The Levans said they were puzzled by the terminology until underpinning was explained as "how she stood on four corners."

The Levans plan to flush for embryos since several people at the NAILE requested it.

The taste of victory has been



sweet to Cathy who now plans to show at the Ohio Beef Expo in March.

The Levans have their own Piedmontese bull but have also used imported Italian semen on cows for flushing. The five embryos they purchased resulted in only two pregnancies so the Levans are inclined to resort to using their own bull to build up the herd.

Cathy and Jason show sheep and hogs at fairs. In the Levan home ribbons are strung across the top of both sides of the large doorway between the living room and kitchen. The ribbons and trophies were accumulated from Kempton, Schwenksville, Reading, Oley, and Kutztown Fairs.

"I tell them they can only have the ribbons and trophies from one year down here; otherwise they go upstairs," Shirley said. "There are just too many to display."

In addition to Justin and Jason having won champion market lambs at local fairs, Jason captured

the champion project market lamb banner. In this competition, scores are based not only on a lamb's correctness, but the exhibitors are tested on showmanship and general knowledge such as identifying feed and equipment, animal health, and general management skills.

Although they live in the Hamburg School District, the kids attend Tulpenhocken for the ag program.

"Things are changing," Shirley said. "When I was in school about 75 percent of the students either lived on the farm or their grandparents did. But in my son's class, he was the only one out of 200 students working on a farm."

Cathy and Jason will show sheep and hogs at the state Farm Show. Cathy also is raising a Simmental in order to be more competitive in area show rings. Although she has achieved champion showman status for steers and sheep, she said that it has been difficult in fitting because Piedmontese have

(Turn to Page B19)

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McGee Named Lebanon County Extension Director

UNIVERSITY PARK (Centre Co.) – Winifred McGee, Penn State Cooperative Extension economic and community development agent, recently was named director of extension for Lebanon County. In that position, she will oversee all cooperative extension educational programs and staff in the county.

"Winifred brings to the position previous administrative experience as well as a thorough knowledge of Lebanon County," said Michelle Rodgers, Capital

Region director for Penn State Cooperative Extension and Outreach. "She has utilized her community development expertise in collaboration with agents in all extension program areas. her skills will help extension to partner with other organizations and agencies to meet the needs of the community."

McGee joined Penn State Cooperative Extension in 1990. As a multi-county agent specializing in small and home-based business, she conducted educa-

tional programs for entrepreneurs in Lebanon, Lancaster, Dauphin and York counties.

McGee helped to pilot the Learn and Earn for Fun and Profit 4-H program in Pennsylvania, writing workbooks and organizing clubs for teen entrepreneurs. She also helped the Carlisle War College develop an annual home-based business conference for military dependents and retirees, and worked with resource-stressed clients in Lancaster to develop a

business plan for a grocery operation to employ and train inner-city teens.

In 1996, McGee's job was expanded to include community and economical development in the four-county area. In that capacity, she collaborates with groups such as HomeFields Inc., Goodwill Industries of Lancaster, the York Hispanic Center, YorkArts, the Lebanon Hispanic Outreach and the Central Pennsylvania Office of Regional Housing Legal

Services. In 1997, she received an Award of Special Recognition from the Pennsylvania Technical Assistance Program.

McGee earned a bachelor's degree in French and English literature from Grove City College in 1977 and a master's degree in public administration from University of West Florida in 1984. She was an officer in the United States Air Force from 1979 to 1986 and served as consultant with the Penn State Small Business Development Center at Penn State Harrisburg from 1987 to 1990.

McGee succeeds Alletta Schadler, who is retiring after 30 years with Penn State Cooperative Extension in Lebanon County. "As a mentor and colleague, Letie has had a profound effect on many of us in cooperative extension," Rodgers says. "She has been a creative and productive educator who is recognized widely for her personal assistance, educational programs, newspaper columns and radio shows on a wide range of family living topics. Her natural wit and articulate thoughts have been a lighthouse to the extension system and the community."

Lancaster Society 8

Farm Women Society #8 of Lancaster County met at Trinity Lutheran Church in Mount Joy on December 1.

Phyllis Endslow opened the meeting with devotions based on the theme of angels.

Rev. Michael Martine spoke of angels being messengers and do-

ers. He played his guitar, sang an original tune he has written, and the group sang carols and an old favorite camp song.

Retiring President Helen Wivell was presented with a lovely scarf and pin.

The Lancaster County Dairy Princess Elisa Ranck quizzed the



members on their knowledge of dairy products and played several selections on her harp.

The next scheduled meeting is February 9, at Mount Joy Country Homes Community Room at 1 p.m.



County Wide 4-H Dairy Club

The Cumberland County Wide 4-H Dairy Club meeting was conducted Dec. 13.

President Thomas Harwood called the meeting to order at 7:37 p.m. the 4-H Pledge was led by Scott Walton and the Pledge of Allegiance was led by Michael Woods. The recording secretary, Sarah Day, gave roll call.

The question that was asked was, "What is your favorite Christmas song?" Sarah read the minutes from the November meeting. They were approved as read.

Under new business Sarah read three thank-you notes. They were from Katie Harwick, thanking the club for sponsoring a showmanship class at the All-American Dairy Show; Ida Showaker, for flowers; and from John, Linda, Heath, and Michelle, for flowers also.

Amy Kaucher gave a county council report. Jason Nailor gave a report on the children selected from the Christmas tree. A group consisting of Jason and Brian Nailor, Zach Travis, Melissa Detman, Mark and Greg Hammond went to Kmart and picked a girl and a boy. The boy's name is Justin, age 11 and the girl's name is Rachel, age 5.

The club purchased items from their lists. Also under new business Kathy Walton talked about the float to be entered in the 250th Anniversary Parade Celebration of Cumberland County on May 13.

Under new business, Amy Kulick brought up about the Holstein Junior Convention, Feb. 4-6 at Carlisle's Clarion Hotel. The club agreed to give \$100.

No demonstrations were given. The program for the night was the Christmas gift exchange. No meeting will be in January because of Farm Show. The next meeting will be Feb. 14 at the Second Presbyterian Church, Carlisle.



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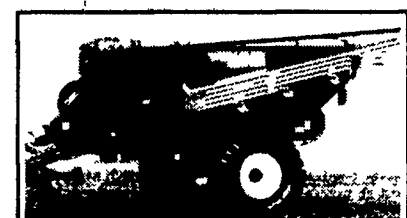
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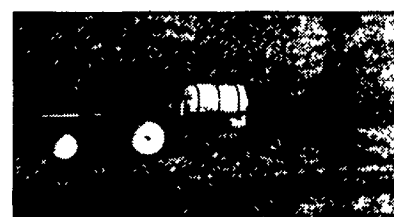
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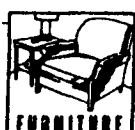


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Ida's Notebook

by

Ida Risser



From time to time, I've written about my children. Four of them have been commented on and there are two more to do. So, today I'll tell you about our third child.

Jeffrey Allen, as a child, needed a lot of watching as he got into everything. At 10 months he was walking and shortly thereafter he went to the barn, when no one was looking, and with a yardstick tapped each cow that lay down until it stood up. He was injured several times. One time he stuck a finger into a large hay drying fan when he was about 5 years old. When he was 12, he allowed a heifer to drag him rather than let it run away and got a deep cut on his head, which prevented him from winning a wrestling championship. He grew

up to be a tall 6-foot 3-inch young boy who went to Penn State University in 1971 when he was 17 years old.

He did very well in college and the following facts are taken from an American Society of Agronomy folder. He got the Senior Student Award in 1975. "His academic record included 158 college credits and a 3.61 grade average out of 4.00. He completed courses in bio-chemistry majors; he completed courses in physics, required for engineers and physic majors. Also completed were foreign languages, psychology, and other courses required for pre-medicine."

He was on the soil judging team and in 1973 at the national contest in Maryland, he was the highest

scoring individual in the country. He received many scholarships and belonged to four honorary societies.

Under the Homeowners Protection Act of 1998, a PMI

policy will be terminated automatically once a homeowner's equity reaches 22% of the property value at the time the mortgage was executed. If a homeowner has a good payment history and can prove that the equity in their home has grown to 20% of the current market value, earlier terminations can be requested. Before this law, lenders could

continue to collect payments long after substantial equity had been built up in the home.

This law is now in effect for new residential mortgages and mortgage refinancing originating on or after July 29, 1999. For more details, contact your mortgage lender or the company where you send your mortgage payments.

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Piedmontese Is

(Continued from Page B17)

short, dense coats.

The family also has an assortment of rabbits, cats, ponies, horses, and dogs. In fact, Cathy has two miniature ponies that are now 21 and 31 years old.

"She learned to walk holding on to the pony," Shirley said. The family has pictures of Cathy crawling toward the miniature pony, pulling herself up walking along with it.

Although the ponies are no longer used in petting zoos, not surprisingly, Cathy said, "They're

here (on the farm) for life."

Cathy describes herself as a complete animal lover who really gets along with any kind of animal. After she graduates from high school, she does not plan to go to college but wants a full time job working with animals.

The past summer's severe drought caused a major hardship for the Levans. They generally have two barns filled with excess hay to sell in addition to having enough for their own animals. This year, they needed to feed hay from

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15-Foot Drill Comparison	John Deere 1520/1570 Drill	Great Plains 1500 Drill with CPH
Toolbar	Parallel Linkage	Rigid
Coulters	Swivel	Rigid
Double-disk openers	1/4-in. offset at boot, vertical down-force; better penetration	1/4-in. offset at bearings, increased side loads
Seedboots	Die-cast aluminum	Steel weldment
Bearings	Bolted to blade, protected inside boot	Riveted to outside of disk blade
Seed tubes	Molded into seedboot	Tubular extension
Drivewheels	Interconnected wheels	Single wheel
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*Comparison made on drills with coulters cart/center-pivot hitch as of Sept. 29, 1999. Prices do not include row-markers or grass-seed attachment. Dealer price may vary.

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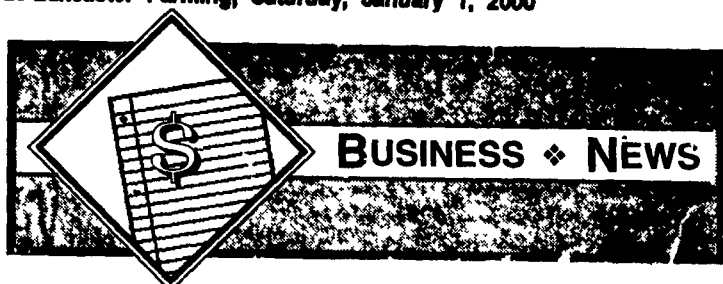
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Novartis, Diversa Enter Strategic Venture

GOLDEN VALLEY, Minn. and SAN DIEGO, Calif. — Novartis Seeds and Diversa Corporation announced the formation of a joint venture to pursue opportunities in the fields of animal feeds and agricultural product processing.

Under the agreement, Novartis Seeds will form a new affiliated company to work with Diversa. Diversa and Novartis will apply their resources and proprietary technologies to discover and optimize novel enzymes, which the new company will market for use in animal feed additives and formulations.

Novartis Seeds will also develop enhanced crops bearing genes identified by the joint venture. Under the joint venture agreement, Diversa will receive license fees and research support, and will participate in profit sharing on products commercialized by the venture. The joint venture is subject to approval by appropriate U.S.

regulatory agencies. Financial details were not disclosed.

Novartis Seeds will use the technology developed through this joint venture to create new products and processes aimed at the entire agribusiness value chain.

"Our goal in developing new technologies through this venture is to present farmers with an array of options that will enable them to produce value-added crops primarily for the feed chain in an environmentally and economically sustainable manner," said Ed Shonsey, president and CEO of Novartis Seeds, Inc. "This joint venture represents an important commitment to improving agriculture through biotechnology." Shonsey will also serve as a member of the new company's board of directors.

"We are extremely pleased to be selected as the strategic partner for this venture with Novartis, a global leader in agriculture," said

Wenger's Incorporates Phytase Enzyme, Wins Environmental Innovation Award

MT. OLIVE, N.J. — Efforts by Wenger's Feed Mill, Inc. to protect waterways through development of better poultry and swine feeds earned a 1999 Pennsylvania Governor's Award for Environmental Excellence.

Wenger's is being honored in technological innovation for producing and developing reduced phosphorus feeds through the use of Natuphos® phytase enzyme. Marketed by BASF Animal Nutrition, Natuphos cuts the level of phosphorus excreted by poultry and swine by up to 30 percent, resulting in a significant environmental benefit.

"This technology is part of our long-term commitment to the community we serve and our overall corporate commitment to environmental stewardship," said F. Barry Shaw, president and CEO of the firm, whose representatives accepted the award from Gov. Tom Ridge in a recent Capitol Complex ceremony.

"At BASF Animal Nutrition we applaud Wenger's proactive efforts in the environmental arena," said Dale Weir, BASF Animal Nutrition product manager for feed enzymes and preservatives.

"We are delighted to work together with Wenger's to provide a cost-effective environmental solution for poultry and swine producers," he said.

Weir explains that BASF and Wenger's are providing Natuphos to producers as a one-of-a-kind tool to increase efficiency, while at the same time creating savings in each ration. With Natuphos, producers can add less inorganic phosphorus to their ration and still achieve the same performance standards, said Weir.

"Creative application of the technology means added benefits for the public, our animals and our farmers," said Shaw. "Wenger's goal, and that of our customers using Natuphos, is not simply a reduction of potential pollution, but

also an improvement of animal nutrition and growth, while increasing the efficiency of advanced farming."

The company has engaged in an extensive customer education program to encourage use of the phosphorus-reduced feeds and is

dramatically extending the use of Natuphos in its products.

By incorporating Natuphos into feeds, Wenger's is decreasing phosphorus by more than 30 percent in the feed and by more than 20 percent in the manure produced by the swine and poultry that consume the feed.

Zeneca Agrochemicals, Cambridge Discovery Chemistry Announce Collaboration

WILMINGTON, Del. — Cambridge Discovery Chemistry, formerly Cambridge Combinatorial, a wholly owned subsidiary of Oxford Molecular Group plc, and Zeneca Agrochemicals, the crop protection and plant science business of AstraZeneca, announced a major chemistry R&D collaboration.

Cambridge Discovery Chemistry will take over responsibility for Zeneca's chemistry research facility within Zeneca's R & D Center in Richmond, Calif., near San Francisco. The collaboration strengthens Cambridge Discovery Chemistry's business in North America and makes the company one of the first in its field to have research facilities in both the U.S. and Europe.

Research carried out by Cambridge Discovery Chemistry will be funded, for a defined period, by Zeneca Agrochemicals, providing flexibility in managing the level of resource required in its discovery programs. The agreement initially involves Cambridge Discovery Chemistry providing chemistry services to Zeneca, with the potential to increase the number of par-

ticipating research scientists.

Additionally, Cambridge Discovery Chemistry will be able to expand the facilities to accommodate ongoing growth requirements, and new discovery programs from its pharmaceutical, agrochemical, and biotechnology business.

Dr. Allan Marchington, chief executive of Cambridge Discovery Chemistry, said, "This agreement will allow us to expand our chemistry capacity and establish a high-quality, research base in the U.S. We will build a strong medicinal chemistry functions in San Francisco to complement the existing chemists' capabilities in combinatorial chemistry and automation."

Zeneca Agrochemicals' director of Research and Development, Dr. David Evans, said, "This collaboration offers us the opportunity to combine world-class combinatorial chemistry expertise in a flexible research arrangement which will greatly benefit both our businesses."

The transaction is subject to the parties entering into definitive agreements and other customary closing conditions.

J-Star Honors Dealers

FORT ATKINSON, Wis. — J-Star Industries, based here, recently honored several Mid-Atlantic regional dealers for their sales efforts.

Those honored included Sollenberger Silo Corporation, Chambersburg, Pa.; Nissley Feeding Equipment, Willow Street, Pa.; Gladhill Tractor Mart, Frederick, Md.; and Lapp's Barn Equipment Sales, Gap, Pa.

Sollenberger Silo was honored with the elite MVP and the Top Sales Leader awards.

Nissley was honored with an MVP Award. Gladhill Tractor Mart was also presented with the MVP Award, and Lapp's received the MVP and Top Sales Leader awards.

The MVP (Major Volume Performer) Award recognizes the company's top dealers who have achieved bronze, silver, gold, or platinum levels of sales and performance objectives during 1998. The Top Sales Leader Award recognizes the top sales leaders for J-Star's main product lines.

Dr. Jay M. Short, Diversa's president and chief executive officer. "Diversa's capabilities fit Novartis' commitment to utilize breakthrough technology to further enhance its leadership position." Short has also been named to the venture's board of directors.



Randy Gayman, left, and Bob Brubaker, right, of Sollenberger Silo Corporation accept the Platinum MVP and Top Sales Leaders-Farmstead awards presented by Charles Aungst, not pictured, territory manager of J-Star Industries, Inc.



Don Nissley of Nissley Feeding Equipment accepts the bronze MVP Award presented by Charles Aungst, not pictured, territory manager of J-Star Industries.



Maurice Gladhill, left, and Buck Gladhill, right, of Gladhill Tractor Mart, Frederick, Md., accept the Gold MVP Award from Charles Aungst, not pictured, territory manager of J-Star Industries.



Jake Lapp, left, Don Genzler, center, and John Byers, right, of Lapp's Barn Equipment Sales accept the bronze MVP, Top Sales Leader-Roto-Mix, Top Sales Leader-Farmstead, and Top Sales Leader-Genuine J-Star Parts awards presented by Charles Aungst, not pictured, territory manager of J-Star Industries.

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99 Dorset Ewe Lamb Futurity Posts Results

LOUISVILLE, Ky. - The Continental Dorset Club (CDC) introduced a ewe lamb futurity program last spring for the first time.

Dorset ewe lambs were nominated by breeders for the futurity at consignment sales throughout the country held this spring and early summer. These nominated ewe lambs were then eligible to be purchased by juniors.

If a ewe lamb was purchased by a junior it was tattooed on sale day for participation in the futurity program. These lambs were then shown throughout the show season and point record forms were turned in to the

CDC. A total of five shows went towards the lamb's regional point total with the only requirement being that one of the shows had to be the regional junior dorset show held in the region.

There were six sets of regional premiums paid out to the top five lambs in each region. Lambs then could go on to Louisville to participate in the National Junior Dorset Show. Their placing at the show was combined with their regional point totals to come up with their national placing, and the top five received another premium on the national level.

The regional top results for the futurity are as follows.

District	Placing	Exhibitor	Breeder
Western	First	Mark Diener, Five Points, CA	Sugarloaf Dorsets, ME
North Central	First	Stacy Grohman, Gilson, IL	Mithoefer Dorsets, IN
North Central	Second	Andrew Cordray, Belvedere, IL	Twin Oaks Dorsets, OH
Great Lakes	First	Theresa Roof, Ottawa, OH	Bel-Mar Farm, OH
Great Lakes	Second	Jamie Lawahn, Trafalgar, IN	Wade Brothers, VA
New England	First	Travis Mason, Pawlet, VT	Honnold Dorsets, IN
New England	Second	Meredith Carter, Ashfield, MA	Riverwood Farms, OH
New England	Third	Karin Peterson, Leyden, MA	Splendorview Farm, MA
Eastern	First	Bridget McConn, W Alexander, PA	Riverwood Farms, OH
Eastern	Second	Ann Leed, Myerstown, PA	Lee & Louise Wagner, PA
Eastern	Third	Ann Leed, Myerstown, PA	Mithoefer Dorsets, IN
Great Plains	First	Lauralee Martin, Chandler, OK	Sarah McCrumb, PA

Five lambs came to the National Junior Show in Louisville and participated on the national level. Results are as follows:

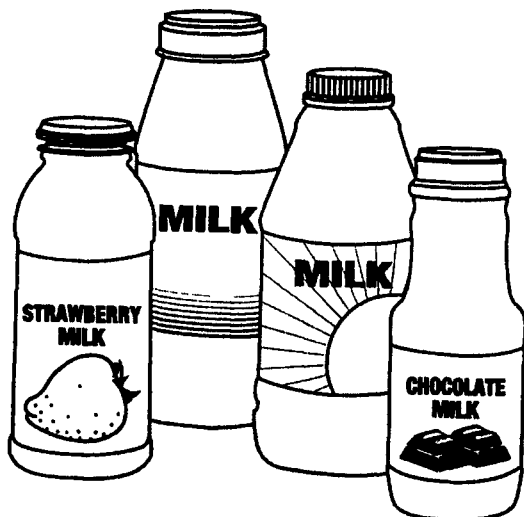
Placing	Exhibitor	Breeder
TIE First	Bridget McConn, W Alexander, PA	Riverwood Farms, OH
TIE First	Theresa Roof, Ottawa, OH	Bel-Mar Farm, OH
Third	Ann Leed, Myerstown, PA	Lee & Louise Wagner, PA
Fourth	Ann Leed, Myerstown, PA	Mithoefer Dorsets, IN
Fifth	Andrew Cordray, Belvedere, IL	Twin Oaks Dorsets, OH

The breeders and exhibitors of the top placing lambs along with their premiums received a plaque from the Continental Dorset Club commemorating their accomplishments.

Plans are under way for the 2000 Dorset Ewe Lamb Futurity Program. Breeders will once again be nominating ewe lambs

at the major consignment sales throughout the country next spring and summer.

If you are a junior and are interested in the futurity program, contact the CDC office for rules of the program and further information, (401) 647-4676, fax: (401) 647-4679 or e-mail: cdc-dorset@delnet.com.



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Brown Sharpe surface grinder, \$500 OBO, Celtron smoke cleaner for welding \$700 OBO 717-738-0414 Lanc Co

Farmall H 1948 nice tin, new paint, all around cond \$2000 610-562-8702 Berks Co

4x4 round bales 1st - 2nd cutting Alfalfa hay \$30 at farm 1st cutting alfalfa haylage \$50 ton at farm 717-235-2380 York Co

ft line shaft with idler pulley \$100, 12 ft line shaft, \$75 717-246-1569 York Co

NH 816 silage wagon, 12 ton tandem gear \$3200, 12 ft Glencoe field cultivator \$800, JD 5-18" trailer plow \$2500 7 & 8 ft snowblades 717-684-9719 Lanc Co

1972 Chevy 4 dr wagon, no eng, tranny, nose, interior gutted, no steering column, dash FREE rolls, you remove 610-670-9544 Berks Co.

Steel tracks for skid steer loader with 12" tires good cond. \$500 717-528-8038 Adams Co.

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Grill guard bumper with pusher, \$35, stabilizer kit for 3 pth \$15, fit 9N, 8N and others, like new 717-866-4203 Leb Co

1992 Chevy S10 longbed pickup Tahoe 4 3L V6, AM/FM/CB nice \$3200, 1973 Dodge 10' cube van, 360 V8, auto \$1200 717-244-3003 Cumb Co

Hardy outside wood furnace, good cond 717-486-5900 Cumb Co

Pony colt age 7 mos, loves kids, nice gentle, \$175, Shetland mare, age 4 yrs rides 8 p m, 717-336-7273 Lanc Co

Purebred Holstein Bull calf, sired by Glenwood, dam sired by Lance, dam has records over 30,000 lbs 717-626-8191 Lanc Co

4 tires on 16" rims, GM 235-75-16 load range D 70% tread radials \$250 717-846-6109 York Co

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NH 489 haybine, good cond, good rolls, \$2550 717-285-4335 Lanc Co

California navel oranges \$11, 40 lb avail Jan 3, 1st come, tree run, Class A driver needed, can train 717-367-4918 Lanc Co

Isuzu or Chevy Luv pickup bed with bedliner, in fair, cond fits long bed trucks \$100 OBO 717-235-5259 York Co

2 lots, 2 8 acres 4 acres, Penn Manor schools \$55,000 and \$60,000 717-284-4919 Lanc Co

270 Lehand turbo charged, fair running cond, 70 hp \$2650 Bay Peruvian filly w/breeding to Friesian stallion \$3500 570-784-8193 Col Co

Grove wagons, new parts spindles, hitches, tongues, tie rods forage box sprockets, clutches, shafts, running gears, scraper blades 717-334-5492 Adams Co

Golf cart, good cond, \$800, 1 seat horse buggy, lights & brakes, \$1000, 3 pt log splitter, \$50, Columbian saddle \$450 610-395-2732 Leh Co

Case 130 garden tractor, \$450, 6 Ford 16" split rims, 8 bolt \$200 717-235-4330 York Co

1987 Range Rover, new engine, trans, \$6000, 1938 Buick straight 8 \$4000, two corner cupboard, three blanket chests 410-997-5751 Howard Co

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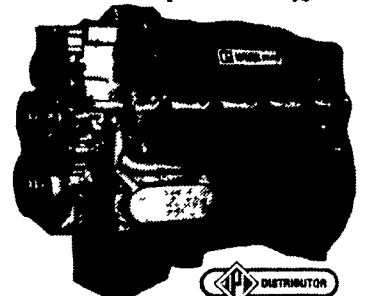
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1998 Talbert 35 ton detachable gooseneck trailer w/hyd tail, like new, \$35,000 incl FET, 1974 General Lowboy 35 ton detachable \$7900 877-526-3655 Cecil Co

RPS 185 Joy air-compressor, powered w/Bedford diesel, not running, will sell, parts No Sunday calls, 717-656-9660 Lanc Co

MF 750 gray cab, auto header, height control, Grain Saver U-11 15' grain, 1163 corn, both w/carts 814-696-0334 Blair Co

Oxy-acetylene outfit, tank, torch, gauges, cart & accessories, lg set, ideal for farm, can deliver 215-536-9672 Bucks Co.

27 5 foot floor to floor incl belt conveyor \$4000, like new, 3 phase motors 908-475-5765 Warren Co NJ

5 9 Cummins, Dodge, W 5 spd W, transfer case, 14 9x38 tire, near new on deep center rim. S MTA or UD G 717-733-6319 Lanc Co

Simplicity 4040 w/60" mower, nice cond, 3 range hydro 570-265-6465 Bradf Co

Ford 9N, tractor good paint, good rubber, new clutch, runs well, \$2500 814-349-5267 Centre Co

Ford 9N tractor, good paint, good rubber, new clutch, runs well \$2500 814-349-5267 Centre Co

Rubber roofing, new 7x100 ft roll \$350, 10x50 ft roll \$250 609-587-0608 Mercer Co

2-way mobile radios, multi-channels, orig cost \$1000 each both for \$250, pneumatic impact 3/4" drive, \$150 302 motor 610-865-4635 Northampton Co

Int'l I-9 and Fordson Major, both rough \$500 ea B&D valve machining \$3000, Land Rover and Mercedes, 240D, no paper \$3000 ea Betw 6-10 p.m. 410-849-8455 A A Co Md

DeLaval manure pump, 2 pt 8' working cond, \$675 corn silage, loaded, your truck \$28 ton 717-463-2360 Jun Co

Artsway 420 grinder, works \$600, 7' JD bucket \$325; want Silomatic unloaders for parts or repair No Sundays, 610-944-6081 Berks Co

JD 510 backhoe 10,000 OBO 814-926-4508 Somerset Co.

Fainting goats for sale \$40 ea 610-767-6768 After 6 pm, 610-767-6768 Leh Co

Cut your own firewood, oak, hickory, seasoned 1 yr \$15 per cord, \$10 1/2 cord Womelsdorf area Lester Moyer, 610-589-2406 Berks Co

(6) 1971 Buick chrome rally wheels, ex cond, 6" wide, 15" dia \$50 ea 200 for all 610-385-3359 Berks Co

730 diesel w/Pony start, 12 ft cultmulcher, Brillion w/Danish tires \$1800 323 Corn picker, ex cond. 717-733-6590 Lanc Co

20' concession trailer, compl ready to work, \$9500; 1987 C-20 Chevy, good sheet metal, 6 20, needs motor work \$500. 717-362-9850 Dau Co.

Lg generator signal corp 94 Silverado, 6 5 TD 484 2500, \$10,500, 6 2 diesel eng 400 trans assem \$850 215-442-9382 Montg Co

Hyd 2-way plow, good shape, 65 hp Wisc eng, almost new A Stoltzfus, 130 Locust Str., Leola, PA 1/2 mi E. of Talmage

Stihl #038 like new, \$300 #742 Remington, 14" saw, \$100, Sears 12 ga dump \$165 610-921-3810 Berks Co

Pullets, DeKalb brown egg, good layers, laying. 717-464-2408 Lanc Co

Inter 574-D tractor, 53 hp, good rubber, frt. & rear wts, canopy, remote, 3 pt IPTO runs exc, PS \$4900. 410-655-7094 Balt Co

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4 ft snowplow for w/front small trac \$45, Robensen 5 hp snowblower \$225, 2-row cultivator for JD A or B \$125, Caloric wood or coal stove \$25 610-454-0139 Montg Co

Saddle custom made Way-Mar 15-1/2 inch, seat 1/2 inch, padding, good for trail riding or roping \$800 717-741-0357 York Co

New 8'x12' utility shed, \$550 OBO Ivan M Hoover, 531 Snapper Dr., Eph Pa.

6 yr. old carriage gray interior, insulated, fiberglass springs, speedometer, good shape \$3200 OBO. 717-656-6151 Lanc Co.

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966 Int tractor, good running, Cab 717-445-0628 \$6000 OBO

Avon bottles, 800, 500 in boxes, will sell all for \$600 Dick, 717-843-9465 York Co

MF 12 lawn and garden tractor, restored w/42" snow plow, new ag tires, liquid, weights After 5:30, 717-445-9803 Lanc Co.

1967 Ford Mustang, V8 engine, 289 \$1800 OBO. 717-569-2422 Lanc Co

Locust posts, round, or sawed all, 8 ft long, round \$4 50 & \$5 717-776-3359 or 5829 Cumb. Co

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AKC reg'd. Australian cattle dog, queens hand blue heeler 2 female 1 male out of Miss Priss 717-567-6039 Perry Co

1999 Hot Line Farm equipment guide, volumes 1 & 2, \$45 cost, \$30 takes both, mint cond. 610-358-3322 Del Co.

Arps 3 pt. snow blower, used twice \$850 Ford hyd. snowplow, fits 600-801 Fords \$650, used tire chains 610-847-5907 Bucks Co

1989 Chevy p/u truck frame 3/4 ton compl w/motor, trans and rear \$300 215-638-0824 Bucks Co

Stock dogs, trained, reg'd Border Collies for cattle, sheep, horses, guaranteed, replacement ewe lambs, No Country xreds, hardy 814-623-8243 Bedf Co

3 - 7 yr old work horses, 1 good leader, 1 white horse, lots of snap David Hoover, 888 Fivepointville Rd Lanc. Co

130 amp gas drive welder w/Kohler eng., Generator \$375, 100 amp elec welder, buss box \$95 717-652-5412 Dau Co.

Corn silage treated w/NH 3 good quality, 1998 chop started in upright, silo chopped w/JD Kernel processor 717-653-4123 Lanc Co.

Ellis Heyston thresher, good cond., make offer. 610-933-6401 Montg. Co.

Airblast sprayer, good cond., 3 pt. extra heads, \$800. 610-944-8371 Berks Co.

6 ft. snowblower, Onan eng, hooks up to snowplow frame to front of truck or tractor, \$1975 OBO. 610-967-3957 Leh. Co.

Ford A p/u bed, some new parts installed, \$475 firm. 215-257-4391 Bucks Co.

New solid vinyl shutters, 14"x67" 15 pair 7 pair 51"x14" \$15 pair. North East Md. 410-658-4351 Cecil Co.

Diesel generator, 6000 watt Onan enclosed towable trailer w/fuel tank, breaker & receptacles \$3800 814-472-9348 Cambria Co

Good clean heavy oats \$2 50 bu ear corn, \$80 ton oat straw, \$2/bale, NI 323 \$500 eves 570-388-2341 Luz. Co

Woodchipper, CH200 Valby heavy duty, 3 pth, like new w/hyd self-feeder, used very little. 413-665-3304 Mass

Gehl 1475 round baler w/net wrap exc. cond. 4 yrs old \$10,500 OBO. 717-949-8533 Leb. Co.

1980 S/A, A/B, dump, diesel, auto., on straight bed, pintle hitch, controls & oil lines for snow plow & spreader \$9500. 717-369-5319 Frankl. Co.

AKC Weimaraner 2 yr old, male, good disp. intelligent good looking, price neg 215-249-3698 Bucks Co.

2 good breeding stock AKC Dalmatian's, just give offer, 2 Australian Shepherds dogs 570-966-3965 Union Co.

1984 GMC High Sierra, 2500 3/4 ton p/u, blue, 350, 2WD, 109K, insp 10/00, auto, am/fm stereo \$2500 OBO. 717-786-3312 Lanc Co.

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2' Di-Acro Finger Brake 2-12" Di-Acro brakes 30" Pexto slip rolls, tinnars stakes and machines. York Co 717-428-1562.

88 Chevy 1/2 ton pickup 305 V8, Silverado 1500, 8 ft bed, snap-on tarp, clean, garage kept. Loaded 72,000 miles. For quick sale Lanc. Co. 717-665-5848.

New bucket bale spear, Central Tractor model \$100. Bradford Co. 570-744-2582

1994 Electric stove, great cond., Bell & Howell movie projector, camera and screen, old barn hinges, alos other items. Berks Co 610-473-7429.

JD plow, #518 needs rims 35 OBO oak show case w/sliding doors, needs top glass repair 60 OBO. Hunterdon Co. 908-236-6658

1986 Ford Truck F150 4x4 5.0L 4 spd, 116K one owner, no rust, new inspection, w/ all maintained, \$3,500. OBO Dauphin/Juniata Co. 717-527-0070

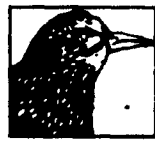
1972 Cummins 290 truck eng \$800. Freezer, used for dead animals, pine logs. Leb. Co. 717-866-6075.

Brand new set stone guards for JD 420C, 430C, complete inner, outer \$300 Allison AT-545 truck trans. \$600 Clearfield Co. 814-857-5285.

2 50 HP almost new DC motors, make offer or trade for Hit and Miss engines or old tractors. Hunterdon Co. 908-806-8512.

Niemeyer twin rotary rake 16'-17 1/2' ex \$1750 OBO BushHog batwing G W C (good working cond.) \$1,750 OBO. 1971 MM 670 diesel Salem Co 856-769-4159

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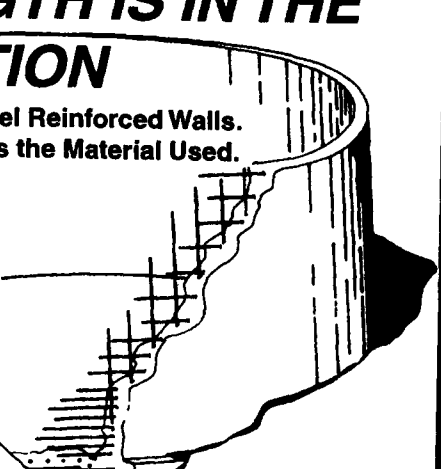


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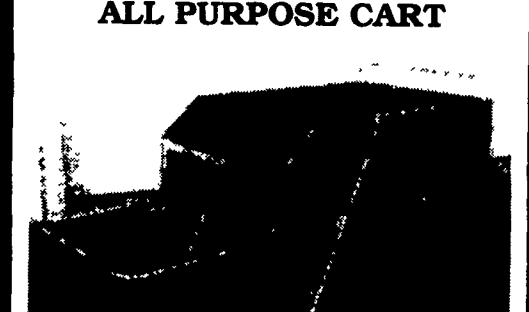


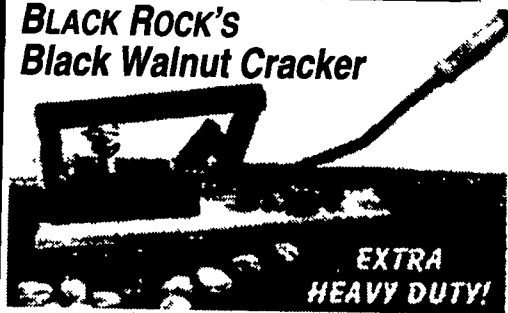
Photo is 15 Cu. Ft. Size

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Good used Jamesway barn cleaner drive units, chain and shuttle stroke, some silo unloader parts. 717-359-5863 Adams Co.

Mixed hay \$2/bale at barn. 814-267-3506 Somerset Co.

78 GMC 318 DD 10 spd. insp. power steering, single axle, new steering tires, new clutch, asking \$2850 717-776-5566 Cumb. Co.

Grass hay, 4x5 round bales, early cut, stored inside, dual trucktire chains, 20" wheels, Stewart animal clippers, model 510 570-282-2557 Lackawanna Co.

Craft 400 gal. ice bank milk tank w/compressor, \$750 OBO, lv. mssg 215-529-9277 Bucks Co.

1989 Dodge W250 4 WD p/u truck, 360 eng, auto, air, PW, PD, good work truck After 6 pm, 717-573-4108 Fulton Co.

AC D14 WFE, \$2100 OBO, AC WD 45 NF \$1200, NI hay rake steel wheel \$75. 717-264-4813 Frankl. Co.

Poultry manure, we load you haul, \$5 load, hay good, \$2.50/bale, mulch, \$1.50/bale, feed bin, 10 ton, make offer. 717-365-3804 Dau. Co.

1990 Ford F150 XLT 4x4 6 cyl. AT, air, black/silver, exc. cond., \$7000; 1987 Chevy S-10 p/u 4x4, 6 cyl. 5 spd bad eng. \$1650. 717-665-3845 Lanc. Co.

'82 VW pickup diesel 5 speed, cap, 150,000 miles, new radiator \$1,100. firm. Wayne Co 570-253-5924.

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Corn Talk, Lancaster Farming, Saturday, October 9, 1999

ANDY ANDREWS
Lancaster Farming Staff
PARADISE (Lancaster Co.)
— Sometimes corn has a lot
more uses than you can
imagine.

You know the standard uses
— corn flakes, beverage
sweetener, alternative combustion
fuel, and others.

But there are more uses than
you might have read about —
and that includes, of all things,
entertainment farming.

Why not make a show out of
the front five acres? That's
exactly what Cherry Crest
Farm, operated by Jack and
Donna Coleman in Paradise,
did. This year marked the
fourth time in a row that the
Colemans put up the "World's
Largest Attended Maze," in
which every year a new
"theme" for the corn maze is
selected.

The maze, taking up five
acres, was planted in the shape
of the Keystone State itself,
complete with the four cities
making up the corners (Phila-
delphia, Pittsburgh, Erie, and
Scranton-Wilkes Barre). In the
center is the shape of the Liber-
ty Bell, along with ribbons
along the corn row "paths" of
the maze painted a different
color to represent a section of
the maze (yellow for the Liber-
ty Bell, green for the state out-
line, red for the Paradise Star, and
white the stars of the major cities).

The "Land of Liberty" theme
proved especially attractive for
area tourists. Each day during

the season the maze averaged
about 1,200-1,500 visitors. Last
year about 50,000 visitors
showed up to tour the maze, in
the shape of Noah's Ark. The
first year the maze was laid out
in the shape of a locomotive
and the second year, a horse and
buggy.

At the top of the maze, north
of the "gameboard," was an
America flag made up of
14,000 petunias. According to
Coleman, the one-third acre
flag was planted the third week
of May this year, contracted
with Good Harvest, Strasburg.

The corn maze itself, which
opened July 2, was planted with
Pioneer 32K62, a Bt hybrid,
full season variety. The corn
was planted May 5 in 30-inch
rows. The maze theme outline
was gridded out and, when the
corn was less than eight inches
tall, a crew worked a hoe to
shape. A few aerial photo-
graphs were taken before the
final shape could be finished.

The drought emergency this
year had an effect on some of
the tourists, but luckily, accord-
ing to Coleman, enough rain
had fallen. In mid July, two
irrigations were needed to keep
the corn stalks from turning
brown and brittle.

The maze employs about 15,
mostly youth, from around the
region. The Colemans also care
for 60 cows on their dairy, in
addition to 50,000 broilers
under contract with Tyson.

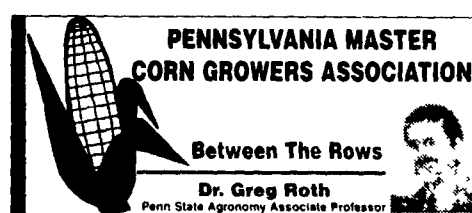
The maze is open Sept. 3
through Sept. 18 Friday and
(Turn to Page 12)



The maze included an extensive petting zoo, mini-mazes, hay rides, food, refreshments, gift shop, and weekly special events. This year the Pennsylvania Master Corn Growers Association and Penn State Extension Service also had a corn products stand at the maze. From left, Jack Coleman and right, Del Voight, Lebanon County extension agent, at the stand. Photo by Andy Andrews



Jeff Stoltzfus, Eastern Lancaster County (ELANCO) School District Adult Farmer Program adviser, center, spoke to about 60 farmer and agri-industry representatives in June during the third annual ELANCO Adult Farmer Program Spring Meeting at the Eugene Martin Farm south of New Holland. See story page 3. Photo by Andy Andrews



AN END TO A VERY LONG YEAR

I'm sure the 1999 growing
season had as many days and
hours as previous seasons
but for many of us it sure
seemed like a longer than
normal year.

For many, Mother Nature
threw a few curveballs that
resulted in some dreadful

corn crops being produced
around the state.

Fortunately, this kind of
season is a rare occurrence
that we hope does not reoccur
for the remainder of your
careers.

I thought I might be good
to revisit a few of the issues
we ran into this summer and

(Turn to Page 4)

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FOR SALE

2 yr old quarter horse, green broke, friendly \$400 Adams Co 717-624-2922

Alfalfa 4x4 1000 lb balage 1st crop \$26 2&3 \$31 on farm trucking available No Sunday Calls Union Co 570-922-1135

Ford 6000 Commander, runs great \$3500 Hunterdon Co 908-782-2411

Olier 3 pt tool bar, ex cond \$600 JD KBA9 trans, disc, ex cond \$1050 York Co 717-246-0366

Gas range, nice, clean cond \$75 Lanc Co 717-445-6423

1999 Suzuki Samurai, for parts \$600 OBO Log Saver deluxe wood stove \$200 OBO No Sunday calls Berks Co 610-286-0128.

Holstein bulls, Souders manure loader with hyd. bucket, 450, electric fence stakes, pressure treated 3 for \$1 Franklin Co 717-597-4494

1955 Packard Clipper 30,000 original miles, garage kept since 1955 original paint, no rust \$6,000 OBO Chester Co 610-524-2145

Losch stoker shaker & water coil, very good shape, 2 700 18 truck tires, good tread make offers Berks Co 610-562-7742

580 CK Case backhoe, diesel, running cond \$5,700 OBO Lanc Co 717-361-7476

Chow-Chow mixed puppies, cute, fluffy light colored look like chows \$10 Wanted Female mature mute white swan Leb Co 717-866-7907

1986 GMC Vandura truck with 12-ft cube box with hydraulic back lift 160,000 miles current inspection must see \$2000 Berks Co 717-933-8962

Seven brand new 3 phase motors, two LA International engines, log splitter, steel beam with knife and cylinder Carroll Co 410-756-4060

Front end loader for Ford 8N-9N plus \$45 loader for JD snow plow both \$350 ea Berks Co 610-779-7127

Antique hand drill press, \$150 CT 40x60 ft wt tarp used once \$60 AC pusher grill guard, \$50 Fred Co. 301-845-4561

Two wheeled horse drawn buggy cart with lights, recent paint \$500 Moses Z Beiler, 536 Liberty Lane, Kirkwood, Pa Lanc Co 17536

Sprayer 500 gal Zimmerman tandem 45' hydraulic booms foam marker, electric controls, rinse tank, drop nozzle 15 gal induction tank, Chester Co 610-932-5977

Lime spreader also tire Goodyear LT-245-16 never used, spare off of 1998 track \$50. Westmoreland Co. 724-834-7197.

8N Ford tractor, hydraulic bin dumper, Jamison cold storage doors, 12" apple grader 24" Tew grader equip. Carroll Co. 410-374-1139.

1964 John Deere 2010 gas, good cond, power steering, live PTO and hydraulics, three point hitch \$2500. York Co. 717-292-2284

Utility trailer 6x7x24" 16" tres, \$125 Title. Lanc. Co 717-355-6476

New 2000 Honda four wheeler 4x4 \$4800. 1993 Honda four wheeler 4x4 nice \$3800. Call evenings Juniata Co. 717-436-8874.

336 JD baler no thrower \$1500 489 NH haybine \$2400. 354 NH grinder mixer, wide tires \$1200 Blair Co 814-224-4252

1987 Int 16,000 GVW, new paint, very good truck for light duty 5 spd, sleeper, commercial HD jackhammer compressor Bucks Co 215-257-3354

5 yr. old standardbred cross carriage horse, traffic safe, sound, big strong, ready for long trips, nice \$2,000 OBO Sorrel. Lanc. Co 717-859-4063

JD 440 wheel tractor, JD 71 loader, reverser, runs and operates \$4,500 JD 40C with loader, needs work \$2,650 Lanc Co 717-738-0717.

Wic 11 HP bedding chopper, used very little, A1 condition, Sussex Co \$1000 973-383-3409

Heater, 3 oil filled electric \$45 for all Kerosene heater, 2 cans included \$30 for all. NJ Burlington Co. 609-714-1660

Blue India Peafowl \$30 each Lanc Co 717-445-6987

Poultry cages used egg cases, also used plastic egg cartons, gear boxes for Haste feeder, also turkey feeders Juniata Co 717-463-2737

5 bulls, 4 Holsteins, 1 Swiss, 350 to 400 lbs Good cover, healthy, hand raised, feed or kill Perry Co 717-834-2078

Antique horse drawn sleigh "Portland Cutter" fully restored, dark green body with dark red runners and dash, gold and red pinstripping. New upholstery, maroon crushed velvet, removable seats and shafts \$1,400. 717-776-6517.

Reo Trimalawn 24" reel mower, 95. A.M.F. 14 HP tractor 42" mower & snowblower, ex. cond. use or restore. York Co. 717-292-6043

2 square tub Maytag washing machine with blue label 441 Peter Rd. Lanc. Co. Call 7 to 8 AM 717-355-262

1986 Ford dully bed V good \$450. Ford dully wheels \$35 each. 1984 Ford cab and doors, fair \$250. Schuylkill Co. 570-345-8262

1950 Farmall H fenders, pulley cultivator, Schuylkill C. \$1600 570-682-3991.

Case 1450 track loader, nice, \$17,500 Klingerstown. 570-425-9177

Kiln dried maple shaving sawdust mix, 2 cubic ft bags \$1.00 ea Broiler manure. Can deliver Lanc. Co. 717-733-3438

FNH skid loader, 1992 Aux hyd one owner 2400 hr. good cond. 10,000 OBO. JD 111 disk, 10 ft \$1500. Franklin Co 717-532-9234.

6 yr old standard bred carriage horse, broke traffic safe & sound, coming 4 yr. old gelding broke & acclimated \$900 Choice Lanc Co. 717-354-7595

JD 210 disc, good cond, NH 155 bale elevator, good cond 1989 Olds 88, all power, good cond. Lanc. Co. 717-529-6744.

Sauder loader for Ford tractors, 9N, 2N, 8N NAA and others, \$250; forks and bucket or mount snowplow. 570-758-8085 North'd. Co 1941 Mack fire truck, all ladders, hooks, axes, \$1500. Witte Gas engines B-style and headless one or all Northampton Co 610-250-3948.

Wheat straw \$70/ton, 702 Unisystem 717 combine 4RW cornhead, 767 Super chopper, 866 hayhead 774 cornhead, best offer Perry Co 717-567-6370

Deutz-Allis discbine SM70RC, JD 7700 combine, 4 row corn head, broke rabbit dogs and beagle pups, males, females Carroll Co. 410-795-4169

128 MF baler Yetter rotary hoe, \$650, NH 358 grinder mixer, hay drying fan 165. air ride trailer axle 17 5 tires 850. Leb. Co. 717-866-2091.

Planer 12" Delta with original knives on and extra set \$190 Wanted industrial planer 3-5 HP single phase. Chester Co. 610-495-5715.

1970 Chev Impala 350 4 door Vinyl top, insp restorable \$200 OBO. 570-739-4635 Sch Co.

9' 540 RPM Agro-tred snowblower, used very, very little. JD 6620 sidehill combine 6 row narrow cornhead, 215 flex grain-head, black reel Garrett Co 301-387-6980

1991 Case International compact 1130 23 HP 4 WD 596 hrs. 408 loader, rear hyd Sims cab, ag tires \$15,850 Perry Co 717-567-3466

7800 JD fully equipped, 8x7 overhead garage door, 30x80 glass door, steel & wooden sash 367x56 32x32 Leb Co 717-867-4495.

Pygmy goat kids, assorted colors \$40 billies \$50 Nannies, Phone 717-432-8938 York Co

Jacobsen LF 100 golf course fairway mower 5 gang, 3 cyl Kubota diesel runs and operates good cond \$1500 firm. Montgomery Co. 610-489-0322

16 month Morgan gelding two 2 yr old one 9 walking mare one cold, also boarding \$125 9 month paint stud for breeding 717-244-9381.

Buggy ready to go, 2" stainless steel Surge pipeline & everything that goes with it, plus 6 milkers. Lanc. Co. 102 Lower Valley Rd., Christiansa, Pa 17509

Rare book, Annals of Conestoga Valley by C Z Mast and R E Simpson, ex cond Published 1942 \$625. Lanc Co 717-687-5143

12 ft Sunflower disk, 1211 near new \$5800. Call between 6 pm and 8 pm Leb Co 717-272-9898

Tracks for 1840 skidloader good cond \$750, semen tank Apollo SX34 \$275, JD 420 crawler, NH tedder rake. 717-484-2517 Lanc Co

Warm Morning coal stove, large size, good cond, \$300. Elam B. Fisher, 142 Harristown Rd., Paradise, Lanc. Co.

100 brown pullets, starting to lay Enos King, 2065 Horseshoe Rd., Lanc Pa. 17601 Lanc. Co.

2000 psi pressure washer, 5 yr. old w/new pump, exc. \$400. Eli Stoltzfus 2966 Stumpstown Rd., Ronks, PA 717-656-9206

rare book Bird-in-Hand 1734-1984 a History of Bird-in-Hand Pa. Paperback, ex. cond. \$150. Lanc Co. 717-687-5143.

Two sausage stuffers, complete, one large one smaller, also one scalding trough call for more info Lanc Co 717-445-5640

Tobacco bale boxes made to order 3 compartment air operated \$500 Jack operated \$300 Minnich single box \$100 115 Horseshoe Rd., Leola, Pa 17540

300 Amp Mig welder, good cond \$2500 Jonas G Stoltzfus, 16H Mt Pleasant Rd., Honey Brook, PA 19344

6 Rupp snowmobiles, 1 buyer must take all. Motors ran when stored, 6 yrs ago. 79 Skidoo Blizzard. Berks Co 610-777-8664.

93 Dodge Commons diesel, 4x4, 65,000K, \$15,800. 1991 GMC 2500, 4x4 w/cap, \$8,900. 1988 GMC Sierra 4x4, \$5,500. Lanc. Co. 717-664-4777.

#68 NH baler, good cond. Wisconsin engine, steel wheels, make offer 170 Grubbs Corner, Peach Bottom, Pa 17563. Lanc. Co.

Australian Blue Heeler pups, w/full mask females ARF/NSOR registry, ready to go \$200. 304-754-8904 Berkeley Co.

JD 16A flail chopper, good cond \$500. 856-467-3457 Glouc Co

Self-propelled fox chopper, 6200 3 RN 7 ft pickup \$7000 OBO, Badger blower, new band \$500, wanted Buster bar. 717-776-5726 Cumb Co.

1020 JD diesel, good cond 95% rubber \$5500; NH 269 baler w/#54 thrower, good cond. \$1000 717-532-6655 Frankl Co

5.5 Honda eng propane, run w/3 blade fan direct drive VGC \$900 717-692-5600 Dau Co.

Koyker grain cleaner 8' rotary 2 screens \$500; dry shelled corn delivered 610-589-2117 Berks Co.

AKC Boxer dogs females two 2 year old, 1 four year old \$250. 717-445-6862 Lanc. Co.

30 and 34 inch jalousy window panes, 10 cents per inch, recently cut firewood \$70 per cord. 71 Oak Rd., Kirkwood, PA 17536 Lanc. Co.



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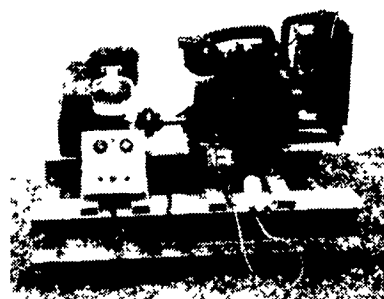
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MAILBOX MARKET WANTED

Rollback S/A diesel truck w/min 20' steel BGD or compl bed to mount; Oliver crawlers, guido@atel.net 804-741 0411 Henrico Co. Radiator for Oliver // tractor 2 no-till plateless corn planter units. Model 80 or newer 570-374-8363

Want produce picking conveyor, for sale AC No till corn planter w/mon good cond, black toy poodle male, 10 mos old 717-530-1656 Cumb Co

NI 323 1 row cornpicker, good to excellent working cond, reasonably priced in Columbia or surrounding Co 6-7 p.m., 570-799-5541 Col Co

1993 Dodge 3/4 ton pickup 4 WD, standard shift 814-445-4230 Somerset Co

Transportation to Bucks Co for deer hunting from Lancaster, PA, have hunting ground available for the driver. 717-661-9172

Old horse trailer for off-road farm use, 2 horse or larger, 11'-12' hog slats 717-445-0990 Lanc. Co

Cat for 560 long tractor or roll bar 540-837-2238 Clarke Co

402 NH hay crimper, must be exc cond John D Fisher, 103 S Ronks Rd, Ronks, PA 17572 Lanc. Co

Oliver 88 wanted Prefer gas, tricycle and running, looking for Oliver 55. 570-836-4199 Wyo. Co.

Potato seed cutter, potato grader, 2 row potato planter, wheel hub for old JD Van Brant lime drill 610-965-4833 Leh Co

Ford 292 truck motor supplier for chicken feed raised bed plastic mulch layer, used coke machine, water chilled 732-251-8895 Mid-dlx Co

Phila. silos wrench, Planet Jr wrenches H-11, K-152, T-63, K-48, H-4, Deere A196 Robert Rauhauser, Rt. 2, Thomasville, PA 17364-9622

Front small doors on year-around cab, QT1 also side doors 717-244-9042 York Co

Used seafoiling 215-598-3037 Bucks Co

Gravelly tractors and attachments 2 or 4 wheel models Call anytime, 717-469-1301 Dau Co

Connecting rods for Late B or JD 50 and magneto for JD B RR 1 Box 298A, Beech Creek, PA 16822-9621

Used 14x30 or 16 9x30 tractor tires, msut be good, no holes or breaks at least 30% tread CE Md 410-658-6788

Small wood shop bag type dust collector, working condition Lanc Co 717-569-8331

2 row units, to fit JD 443 corn head, can be from a JD 444 or other wide row JD models Lanc Co 717-626-8912

50 to 60 Holstein dairy cows, low SCC on or before end of March Jefferson Co 814-856-3411

Silver King or Plymouth tractors, parts, literature, any condition 419-896-2828 call late eves Rich-land Co. 419-896-2828

Any building, fence, silo, etc to roove, post pounder, locust/osage orange trees, geese, turkeys, pheasants, ducks, etc or eggs Lanc Co 610-593-1140

Lancaster Farming, Saturday, January 1, 2000-B25

MAILBOX MARKET NOTICE

Want to buy a good used 100 gallon propane tank Lanc Co 717-284-2419

PA Doe licenses from 1951-1999 for Delaware Co, Chester Co, Bucks Co and Lehigh Co Tioga Co. 570-724-3482

Loader for model 730 or 830 Case Wayne Co 570-224-4578.

Small row boat for farm pond Lanc Co 717-445-4988

Buying old cigar box labels Write Cigar Box Labels, 264 Forge Hill Road, Wrightsville, PA 17368 Steve, 717-252-2023 York Co

Portraits of your favorite person, pet or home, \$40 and up "Portraits" 1089 Lakehurst Avenue, Jackson, NJ 08527 Ocean Co 732-657-1576

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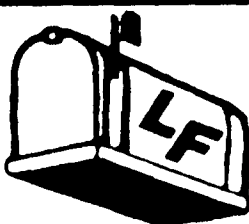
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DISPERSAL

Holstein Herd - Farm Machinery

* Four Belgium Draft Horses - Milking Equipment

A.C. 190XT Diesel Tractor

Tuesday, January 11, 2000 • 8:30 AM

Dispersion Held for:

Omar & Barbara Glick

Farm located on Cut Road, Lancaster County, PA, 2 miles North of Gap. From Route 30 go North on Route 897 to Amish Road left to Millwood Road. From Route 340 go South on Millwood Road to Cut Road.

Thirty Five Head of Holsteins - 12:30 PM

Thirty milk cows, avg. 65.3 lb. per day, 305 day R.H.A. 21,245M, 3.7 fat Eight head milking with first calf, 2 heifers due January, young herd, mostly 2nd and 4th lactation animals, calfhood vaccination, herd up-to-date with bi-annual shots, 8 years of Select Sire breeding owner sampling.

Auctioneer's Note: This is an opportunity to purchase cattle in good health, not over-stressed. Glick family has been milking and breeding holsteins for 25 years plus.

Draft Horses - Harness - Hitches - 12:00 Noon

Reg. 4 yr. old mare, sire Master Eddie, mare stands 17 hands, 8 yr. old off-side horse, pair smooth mouth horses, all big horses in good condition; 5 sets of harness; extra collars; horse trees.

Feeding - Milking - Manure Handling Equipment

2 DeLaval milker units, 65 and 70 lb. pails; original Sputnick; milk house supplies; 8 milk cans; portable feeder; E.L.S. liquid spreader, side delivery, portable 8 ft. E.L.S. manure pump, hyd. control; New idea conventional manure spreader, good condition; Badger bed chopper with engine.

Farm Machinery - Sells before Noon

White Horse 2 way plow; White Horse fore cart; John Deere K.B.A. disc harrow; 2 field harrows; log field roller; Brillian packer seeder; 2 boxes, large and small grain with transport wheels; I & J combination mower/bar crimper; hyd. control, swing hitch, new '97; Pequea tedder; New Holland 56 rake; Kuhn ground drive rake; 14 ft. new bed flat wagon; 8520 Case International baler w/engine; Farnec 32 ft. elevator w/hyd. motor; John Deere 999 com planter w/plateless units; New Holland 770 Harvester w/table feeder, good condition; New idea 323 corn picker; 4 cyl. Wisconsin engine w/clutch; I & J two row cultivator; Fisher field sprayer with rinse tank; Gandy applicator; Allis Chalmers 190XT diesel tractor, excellent condition on steel w/rubber shocks; 275 gallon fuel tank; 2 gas tanks.

Auctioneer's Note - This is an opportunity to purchase farm machinery shed kept, well maintained. Out of area folks - bring proper I.D. to obtain buyer number.

Auctioneer:

Petersheim Auction Service

Steve, Steve Jr., Orpha Rose

610-593-2828

AU 001349L



Public Auction of Valuable Real Estate

2:00 PM

2:00 PM

in Lancaster County on

Mon., Jan. 24, 2000

Approx. 2 Acres in
Salisbury Township

Location: From Blue Ball, take 322 easy approx. 1 mile to 897 south, go approx. 1.5 mile to Gault Rd., turn left, go approx. 2 miles to stop sign, turn right (Narvon Rd.) go approx. .08 mile to stop sign, turn left (Meadville Rd.) to sale on right or from White Horse, take 340 west to 897 North, go approx. 2.3 mile to Meadville Rd., turn right, proceed 2.3 mile to sale on right.

Erected thereon a frame 2-1/2 story frame dwelling. 1st floor consists of kitchen, large living & family room and bedroom, full bath. 2nd floor consists of 4 bedrooms with closet and attic storage, partial basement, on-site water and sewer system.

2 story frame bank barn with 2 large box stalls and carriage storage on first floor, 2nd floor is presently a wood working shop with hay storage.

Open House Jan. 8th - 1:00 PM to 4:00 PM or by appointment.

Terms 10% down day of sale, balance on or before February 25, 2000.

Attorney Linda Kling

Terms By

Jacob B. & Esther S. King

5640 Meadville Rd.

Gap, PA

Cash or Honorable PA Check Only

All Announcements Sale Day Take

Precedence Over All Advertising.

Not Responsible for Accidents

Food on Premises

Auctioneer: Mel Hoover

AU-003111-L

717-354-8397 Home

or 717-354-6431 Barn



Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated

every Sat. at 2:23 P.M.

ATTENTION Auctioneers

All sales register info needs complete address, street, town, county & state.

JAN. 2000

SAT JAN 1 - 13th Annual New

Year's Day Sale Selling ponies hunters, jumpers, QH's, paints TB's etc The Eyer Stables

Notice!!! Farm Show Schedule

Auctioneers...Please Mail or Fax
Public Sale Copy Early!

DEADLINE

FARM SHOW - Mon., Jan. 3, 2000 12 Noon

Fax No. (717) 733-6058

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated

every Sat. at 2:23 P.M.

ATTENTION Auctioneers

All sales register info needs complete address, street, town, county & state.

SAT, JAN 1 - 8:30AM Advertising Toys & Trains at Bareville Fire Hall, 211 E Main St. Leola, PA Randy Stoltzfus Richard Harry Aucts.

SAT JAN 1 - 9AM Guns restaurant equip. 91 Ford Crown Victoria, Pine Grove, Pa. on Rte 433 for David Kimmel Estate Robert W. Derfler Auct.

SAT JAN 1 - 9AM Tools, antiques, butcher equip. 2531 Conewago Rd., Dover PA York Co. Seller Harold L. Wire Sr. Rentzel's Auction Service

SAT JAN 1 - 9AM Consignment Sale 35 Tractors, 250 pcs of Farm Equip Bunkerhill, WV Edgar Bohrer, Jr. Auctioneer 304-229-8354

SAT JAN 1 - 9AM Consignment Sale Rt 442 1 mile E of Clarkstown, Pa. 4 miles from Hughesville exit off I-80 Dick's Tractors

SAT JAN 1 - 9AM Rt 230, 408 E Main St. Mt Joy Pa Woodworking Equipment Auction for Art & Marty Sholly R. Terry Matthews, auct.

SAT JAN 1 - 9AM Antiques and personal property Held in the Reinholds Fire Co Banquet Hall, Rt 897, Reinholds By Fern Lamm Art Pannebecker, auct.

SAT JAN 1 - 10AM Tractors farm equipment Holicong Rd., Buckingham Twp, Bucks Co., Pa. For Anna Simons Kenneth & Jason Leiby, aucts.

SAT JAN 1 - 11AM Steam Engines & Other Collectibles Old Feed Mill Auction Center, 487 Division St., Boonton, NJ Jack Wootto, Auct.

SAT, JAN 1 - 12 Noon 5th Annual New Years Day Auct Trucks & Trailers, Hay/Straw, Tack Horses at 530 Lebanon Valley Livestock, 1 mi E of Fredericksburg, PA, along Rt 22

SUN JAN 2 - 12 Noon Farm Literature & Toy Auction At Cochran Auction Complex, 7704 Mapleview Road, Boonsboro, Wash Co. Md J.G. Cochran, auct.

SUN JAN 2 - 9 AM & 2 Pm Toy Show, Leesport Farmers Market Social Hall, Rte 62 Leesport, Pa 610-562-9404

MON JAN 3 - 10AM Elm Country Market Complete Liquidation Newport Road, Elm Pa Witman Auctioneers, Inc.

MON JAN 3 - 5:30PM Toys Located indoors at Leesport Farmers Meeting Room off Rt 61 Leesport, Berks Co., Pa For Bob Ford Kenneth & Jason Leiby, aucts.

TUES, JAN 4 - Fat Cattle Sale, Carlisle Livestock Market, Inc., 548 Alexander Spring Road, Carlisle, PA

TUES, JAN 4 - 9AM Farm equip., skid loader, household, misc Berks Co., Pa For Jacob & Lydia Nolt Ralph W. Zettlemoyer, Auction Co

WED JAN 5 - 11 AM Grain handling, fertilizer, spreaders, scales Intersection of St Rt 408 & 436 Nunda, Livingston Co., NY, Pir-rung Auct.

WED JAN 5 - 11AM Nunda (Livingston Co) NY Nunda Feed Service, Inc Discontinued Business Feedmill & Grain handling equip Pirrung Aucts

WED JAN 5 - 6:30PM Winross, Hess, Farm Trac & Toys To Be held at A&C Dffenbach Auction Inc, 100 W Jackson St, New Holland, Lanc Co., Pa 717-355-7253

THURS JAN 6 - 9AM Mules, Milking & Farm Equip Blacksmith Tools at West Eby Rd, south of Leola for Christ S & Katie A Petersheim by Mel Hoover, Auct.

THURS JAN 6 - 10AM 3875 Old Phila Pike, Rt 340, Gordonville, Pa Farm Machinery & Equip., Mules For Allen and Naomi King Steve Petersheim Auct

FRI JAN 7 - 10AM Horse Sale, New Holland Sales Stables, 101 W. Fulton St., New Holland, Pa

SAT JAN 8 - 8AM Guns, cars, 2 AT's, Hyster forklift, boat, Nascar collectibles, James H. Bosley Est., Chanceford Comm. Center, Brogue, York Co., Pa Sechrist Aucts

SAT JAN 8 - 9AM Antiques, tools, personal property for Betty Remp Estate Reinholds Fire Co Reinholds, Lanc Co., Pa Art Pannebecker, Auct

SAT JAN 8 - 10AM 84th PA Farm Show Bred Gilt Sale - Small Arena - Farm Show Complex, Cameron & McClay Sts., Harrisburg, PA Sponsored by PA Swine Breeders Co-op Harry Bachman, Auct

SAT JAN 8 - 11AM Savona, Steuben Co. NY 6783 County Road 17, Romance Bros Dairy Herd and Machinery Auction, Pir-rung Aucts

SAT JAN 8 - 10AM Estate auction of Modern Era Trains, Held at Ridge Fire Co along Rt. 23, between Phoenixville, Pa and Rt 100 Ted Maurer, auct

SAT JAN 8 - 1PM B-level home 1148 Poplar Dr Brecknock Twp, Lanc Co Pa By Richard & Susan Wise Leroy Horst & Paul W. Horst aucts

MON JAN 10 - 2:30PM Public auction Leesport Farmers Banquet Hall off Rt 61 Leesport, Berks Co Pa For Jay Matz Kenneth & Jason Leiby Aucts

TUES JAN 11 - 8:30AM Herd Dispersal, Farm Equip Located Cut Road, Lancaster, PA Omar & Barbara Glick Petersheim Auction Svc

TUES JAN 11 - 9AM Full line upgraded horse drawn farm machinery, 35 head Holstein Herd, 4 Belgian Draft Horses Located Curt Rd, Lancaster Co., Lanc Pa By Omar & Barbara Glick Petersheim Aucts

THURS, JAN 13 - 9AM Farm equip., livestock, crops By John Z & Mathe L. Fisher, 453 Maple Shade Rd., Kirkwood, Pa Mel Hoover, auct

FRI, JAN 14 - 9 AM Tractors, farm eq & supplies To Be held at A&C Dffenbach Auction Inc, 100 W Jackson St, New Holland Lanc Co., Pa 717-355-7253

FRI, JAN 14 - 1PM State Graded Feeder Pig Sales Carlisle Livestock Market, Inc 548 Alexander Spring Road, Carlisle, Pa

SAT JAN 15 - 9AM Antiques & truck Location at Reinholds Fire Co Reinholds, Lanc Co., Pa By Paul A. Snook Art Pannebecker, auct

SAT JAN 15 - 9AM Horses & Farm Machinery, Located at 72 N Weavertown Rd, Ronks, PA Sale For John & Mary Petersheim, A&C Dffenbach Auction, Inc., 717-355-7253

SAT JAN 15 - 10AM Electric Trains of all kinds, Held at Ridge Fire Co along Rt 23, between Phoenixville, Pa and Rt 100 Ted Maurer, auct

SAT JAN 15 - 10AM Personal Property Al Starr Fireman's Bldg Village of Willow St Lancaster Co., PA Sale for Alta Frey Fur-low Howard Shaub, Inc Auct

SAT JAN 15 - 11AM Farm Equipment 10014 Harrison Rd Berlin, Worcester Co., MD For Frank Baker Pete Richardson Auction Sales, Inc.

TUES, JAN 18 - Fat Cattle Sale, Carlisle Livestock Market, Inc 548 Alexander Spring Road, Carlisle, PA

TUES JAN 18 - 9AM Horses, Farm Eq & Milking Equip Crops 182 E Brook Rd, Smoke-town, Pa Christ B & Sara F Glick Mel Hoover, Auctioneer

WED JAN 19 - 9AM Antiques & Farm Equip 250 Monterey Rd,

Bird-in-Hand, Pa Terms by Elizabeth L. Stoltzfus Mel Hoover, Auctioneer

WED JAN 19 & THURS, JAN 20 - 8:30AM Wed Lawn & Garden Tractors, misc items Thurs Misc items, tires, posts, etc Farm Equip & tractors 6 miles S of Chambersburg, Pa 1 mi E of

manon, just E off I-81 at Marion along Rt 914 Marion Auction Service

THURS, JAN 20 - Mules, horses, hay, farm equipment For Elam B & Emma H Zook And David L. Zook, 3142A Old Phila Pike Bird-in-Hand, Pa Mel

Hoover, Auct

FEB JAN 21 - John E & Annie Fisher, 41 Mt Pleasant Rd., Paradise, Pa Cows, milking & farm equip Auct Mel Hoover

FRI JAN 21 - 10AM Horse Sale, New Holland Sales Stables, 101 W. Fulton St., New Holland, Pa

PUBLIC SALE

of
ANTIQUES - HOUSEHOLD GOODS
FINE OAK BEDRM. SUITE
OAK & PINE FURNITURE
LOTS of IRON ARTICLES - CROCKS -
TOYS - COINS - TOOLS
1993 OLDS CUTLASS CIERA V-6
Fri., Eve, Jan. 7, 2000

at 5:00 PM

And

Sat., Jan. 8, 2000

at 9:00 AM

Sale to be held at Al Starr Firemen's Building, Village of Willow Street, Lancaster Co., PA (Along north, Rt. 272, behind firehall)

To Be Sold Fri., Jan. 7: Household Goods, Iron Articles, Tools

To Be Sold Sat., Jan. 8: Antiques, Oak Bedrm. Suite, Furniture, Iron Articles, Crock, Toys, Coins, Auto.

Auto & Coins To Be Sold at 1:00 P.M.

Food served.

Sale By

William H. & Charlotte M. Kauffman**Howard E. Shaub, Inc. (717) 464-3541****Auctioneer (AU-000831-L)**

PUBLIC SALE

SATURDAY, JANUARY 15, 2000

9:00 A.M.

LOCATED AT 72 N. WEAVERTOWN RD., RONKS, PA 17572.

Directions: Rt. 340 E, 1 Mile East of Bird-in-Hand, turn left on N. Weavertown Rd. Rt. 340 W., 2.5 miles west of Intercourse, turn right on N. Weavertown Rd., 2.5 miles to sale on left.

HORSES

6 Head of Top Sorrel Work Horses-4, 5, 6, 10 & 11 Yr. Olds; also selling a few Top Teams of Work Horses from Ward Wright.

HORSE RELATED ITEMS

A Lot of Single, Double, 3, 4, 5, 6 Horse Hitches - Steel & Wood; 10 Sets of Front Gears - Some New; Bridles, Lines & Collars - New & Used; Several Sets of Carriage Harness; 12 Jockey Sticks; New & Used Halters; Spring Wagon; Bobsled; & 1 Horse Sleigh.

FARM EQUIPMENT

Farmall 560 Tractor - Gas; White Horse 2-Way Plow; NH 456 Mower w/ Hyds; NH 402 Crimper; NH 256 Rake; Pequea Tedder; JD 999 2R Plateless Corn Planter; NI 323 Corn Picker; Brillion 8' Packer/Seeder; Brillion 10' Sprocket Packer w/Center Bearing; 8' Double Cultipacker; 7' & 8' Single Cultipacker; 2-Huskey Gravity Bins w/Gears; 3 Flat Wagons; 4 Fore Carts; Wiard 106 Walking Plow; Sawbuck; MC D #9 Silage Cutter; Mc D #7 Silage Cutter; 2-Papec 16" Cutters (1 w/Gear Box); Endless Belts; Fisher Sprayer 10 R Boom w/Drop Nozzles; JD KBA Disc Harrow; Mc D 10 Disc Grain Drill; 2-Mc D 1 R Cultivators; 3 Tooth Chisel Plow; 8, 9 & 10' Spring Harrows; 2 Section Spike Harrow; ELS Liq. Spreader; Miller 8' Portable Manure Pump; Pequea Spreader; Dung Sled; Harvest Handler Elevator.

1200 Bu. Wire Corncrib; 2-8 HP Kaw. Engines-1 New; 4 Cyl. Wisc. Engine; 3 HP DeVillbiss Air Compressors; Portable Air Compressor; Stihl 2-1/2 Gal. Mist Sprayer; 100 lb. Platform Scales; 10" Table Saw w/Lathe Att. w/Hyd. Motor-Heavy Duty; Cyclone Seed Sower; Stihl Chain Saw; Ridgid Pipe Threader & Cutter; 7000 Tobacco Lath; 5 Tobacco Presses; Lazy Susan Lath Holder; 10 Tobacco Shears & Spears; Handyman Jack; Sledge Hammers; Pipe Wrenches; 40 Hole Bolt Bin & Bolts; Hand Crank Drill Press; 6' Hay Rack & Trough; Gas Lanterns; Chicken Nests w/Feeders; Antique Hay Hook; Antique Push Cart; Horse Weather Vane; Pipe Vise; 2 Water Tanks; Silage Forks & Carts; Feed Carts; Brooms & Scrapers; Manure Forks & Wheelbarrows; 10' Cast-iron Trough; 70 Gal. Trough.

MILKING EQUIPMENT

Masport M3 Vac Pump; Lombardini 2 Cyl. Diesel; 3 Westfalia 60 lb. Units; Westfalia Bio Milker Unit; 2-70 lb. Buckets; Bender Washer; Strainers; 430 Gal. Jamesway Bulk Tank; Gas Hot Water Heater; 275 Gal. Fuel Tank.

HOUSEHOLD ITEMS

Old Wooden Blanket Chest w/2 Drawers; Glass Front China Closet; Chest of Drawers; Desk; 2 Beds & Bed Stands; Wood Wardrobe; Old Wood Table; 10 Qt. Ice Cream Freezer w/Pulley; Old Ice Refrigerator; Old Wood Shutters.

John D. & Mary Petersheim, Owners**Auctioneers:****Alan Dffenbach AU0002258-L****Paul Snyder AU0000873-L****FOOD AVAILABLE**

A & C
Dffenbach
Auction Inc.
100 West Jackson Street • Box 185
New Holland, Pennsylvania 17557
Office: (717) 355-7253 • FAX: (717) 355-9547

PUBLIC AUCTION

Thursday, January 20, 2000
9:00 A.M. Draft Horses, Mules, Milking & 9:00 A.M.

Farm Equipment & Household Goods

Directions: From Intercourse take 340 West to sale on left or from Bird-in-Hand take 340 East to sale on right.

17 Head Work Horses & Mules 17 Head

Mac 8 yr. old } Top team of red sorrel geldings.

Buster 7 yr. old } Offside workers with a lot of snap.

Pet 11 yr. old } Work anywhere with a lot of snap.

Pearl mares }

Ted } Good broke team for anybody to

Tony } work. Smooth mouth.

Charlie - 6 yr. old lead horse.

Jenny - 5 yr. old jockey

Dolly - Smooth mouth mare works anywhere. stick mule.

Jack } Team of black mules with mealy noses. This
Pete } is a top team of mules with size & snap

Horse Related Items

11 Sets Front Gears, 15 Collars, 10 Bridles, Jockey Sticks, 4 Sets Checklines, 2, 3, 4 & 6 Horse Hitches.

Milking Equipment

3 Westfalia Milker Units, Sputnik, 1 Extra Bucket, Westfalia Milker Washer, Twin Tubs.

Crops Crops

Approx. 800 Bales 1st Cutting Alfalfa & Orchard Grass Mix, Approx. 1400 Bales 2 & 3 Cutting Alfalfa.

Farm Equipment

New Holland 455 Mower, International 8520 Raker with 2 Cylinder Kohler Engine good condition, Pequea Tedder - good condition, New Holland 256 Rol-A-Bar

Rake, New Holland 402 Crimper - good condition, 32 ft. Zimmerman Elevator with Hydraulic Motor and Hoses - good condition, 3 - 16 ft. Flat Wagons - one with Side Boards and Corn Chutes (like New), Kuhn Rake with 5HP Honda engine (like New), 3 - Auto Turn Fore Carts - like new, 2 White Horse Two Way Plows Hydraulic Reset - good condition, Gehl C-40 Cutter - good condition, John Deere 999 2 Row Corn Planter with Plateless Hopper, 1 Row McCormick Deering Corn Picker, McCormick Deering 1 Row Corn Binder with 11 HP Wisconsin Engine & Clutch - good condition, New Idea 206 Manure Spreader (good condition), Pequea Manure Spreader - like new, E.L.S. Liquid Manure Spreader - good condition, Lely Spinner Spreader, New Idea 1 Row Transplanter, 2 - 1 Row McCormick Deering Cultivators, John Deere 20 K.B.A. Disc, 10 ft. Brillion Cultipacker, New Idea 323 One Row Corn Picker - good condition, 3 ft. x 10 ft. Livestock Trailer on steel, Fisher Field Sprayer with Pump and 8 HP Honda Engine and Kase Tank 2 yr. old John Deere 3 Section Spring Tooth Harrow, Hydraulic Unit with 13 HP Honda Engine, Wagon gear with 300 Gal. Water Tank, VH-4D Wisconsin Engine with Clutch, Long Loader for Corn Binder, Set of 20-8-38 Tractor Tires on International Rims, 3 Ton Engine Lift, 20 ft. Manure Elevator, 10 Gates from 4 ft. to 14 ft., 2 - 8 ft. Feeders, 3 Farm-co Mfg. Feeders with Hay Racks, 2 Round Bale Feeders, 2 Silage Carts, 3 Grain Carts, 2 Bag Wagons, 2 Single Hole Lapp Water Fountains, 4 Paul B. Zimmerman Water Cups, Wiard 106 Walking Plow, 110 Gal. Gas Tank with Pump, Conestoga Dust Collector, Shovels, Forks, Brooms, 2 - 160 Gal. Water Trough, Gutter Grates, Spinner Spreader, 4 ft. Barn Fan with Hydraulic Motor.

Misc. Items

Bander Set, 3 Compartment Tobacco Press with Air Cylinder, Minnich Tobacco Press, Platform Scales, Lazy Susan Tobacco Lath Holder, 4,000 Tobacco Lath, 2 - 12 Volt Hot Line Fencers, 7 Na Pa Gas Lanterns, 2 Barn Desks, Handyman Jack, Wheelbarrow, Kawasaki: F100 Engine, Circular Saw, Buck Saw, Air Drills, Bolts, Screws, Shop Stove, Milk Cans.

Household Goods

Warm Mopac Wood & Coal Stove - good condition, Meat Slicer, 5 Plank Bottom Chairs, Kerosene Heater, Old Shutters, Old Ice Cream Freezer, Canning Jars.

Jane } Team 8 yr. old sorrel molly mules work
Jill } anywhere with snap.

John } Team 11 yr. old gray jack mules work
Frank } anywhere

Also Selling For Elmer S. & Naomi B. Fisher**6 Hd. Mules 6 Hd.**

George - 5 yr. old sorrel jack mule, offside & jockey stick, a lot of snap.
Mac - 9 yr. old sorrel jack mule, works anywhere.

Horse Related Items

6 Sets Front Gears, 10 Collars, 6 Bridles, Jockey Sticks, Checklines, 3 Sets Bachers.

Farm Equipment

New Idea 1 Row Transplanter, 300 gal. Water Tank on gear. 1 Row McCormick Deering Cultivator, Hydraulic Unit with 9 H.P. Van-Guard Engine, Mineral Feeder, Agway Breeding Wheel, Gas Brooder, Chicken Waterers & feeders, 25 gal. Poly Tank with 12 Volt Pump, 12 Volt Gandy Applicator with stand, Auto Turn Fore Cart, Fork, 300 gal. Fertilizer Tank.

Terms by

Elam & David Zook

3142A Old Phila. Pike

Bird-in-Hand, Pa. 17505

Cash or Honorable Pa. Check Only

All Announcements Sale Day Take Precedence Over All Advertising

Not Responsible for Accidents

Food on Premises

Auctioneer: Mel Hoover AU-003111-L

717-354-8397 Home or 717-354-6431 Barn

DISPERSAL

Farm Machinery - Milking Equipment

- Two Pair Sorrel Mules - 3 W.F. Bio Units -

Irrigation and Tobacco Bed Seeding Equipment

Thurs., Jan. 6, 2000 10:00 AM

Auction held for: **Allen & Naomi King**

on the farm, 1 mile east of Intercourse, Lancaster County, PA,
along Route 340.

Four Sorrel Mules - Harness - Hitches

Mules in nice condition, stand 16.5 hands, seven and eight years old; 5 sets of harness; bridles; collars; hitches;

Auct. Note: Mules in nice condition broke to Power Farm Machinery

Barn - Milking Equipment - Sputnik G.C.

Three Westfalia milker Bio units, 2-65 lb., 75 lb., 85 lb. pails; original Sputnik; Westfalia 6 unit washer; Waikato W3SS vacuum pump, used 3 years; S.S. wash tubs; S.S. unit wash tub; Westfalia vacuum regulator; 500 gallon Sunset milk tank; 12 volt agitator motor sells separate; 4 metal cupolas; 2 tunnel ventilating fans.

Farm Machinery

White Horse 2 way plow; John Deere K.B.A. 24 discs disc harrow; 8 ft. field harrow; 8 and 9 ft. cultipacker; New Holland 7 ft. bar mower, hyd. controls, extra bar; New Holland 402 crimper, hyd.; New Holland rake; 4 cyl. Wisconsin engine w/clutch; New Holland 273 baler w/engine, ex. condition; 2 New Holland elevators 28-32 ft.; Nickelson tedder; I.H. 7 ft. bar mower; 24 ft. Smucker elevator; John Deere 9 ft. harrow; 7 ft. cultipacker; I & J moving Guard unit; New Holland 404 crimper; 24 ft. Lapp elevator; Bailer hyd. unit; McDeering binder w/loader in ex. condition; boom field sprayer; high wheels for tobacco spraying; Pequea manure spreader, hyd. end gate; New Idea 206 manure spreader; McDeering cultivator; New Idea transplanter; International engine; 2 forecarts; 3 flat bed wagons, Zook gears.

Tobacco Planting, Seeding & Processing Equipment

6 ft. pull type rototiller w/cub Int. engine; 4 irrigation pumps; 6 ft. tobacco seeder; 20,000 gallon glass lined liquid tank; 2,000 ft. high pressure hose; 40 gal. per minute piston pump; Deutz diesel engine; two No. 8-12 Deutz engines w/clutch; irrigation sprinklers; 3 h.p. slow speed Bamford diesel; 30 h.p. Perkins diesel; 2 Minnick presses; 3 compartment tobacco press.

Out Of Area Folks - Bring proper I.D. to obtain buyer number

Auct. Note: this is an opportunity to purchase Machinery shed kept well maintained.

Auctioneer:

Petershiem Auction Service

Steve, Steve Jr., Orpha Rose

610-593-2828

AU 001349L



ANNUAL NEW YEARS DAY

AUCTION SALE

Sat., January 1, 2000

Auction; 11 AM Preview 8 AM

Old Feed Mill Auction Center

487 Division St. Boonton, N.J.

(Just off Interstate 287 at Exit 45 North or Southbound)



AN AUCTION OFF COLLECTIONS include:

Collection of sixteen operating steam engines to include: Atlantic style locomotive (2-4-0) and tender, 7 1/2" gauge; Rocket locomotive and tender, 7 1/2" gauge; Self propelled commuter car, 7 1/2" gauge; Steam launch (Puffer) on trailer; Stationary engines; Toy steam engines on tin boat; Collection of brass cash registers; Collection of Roseville and art pottery; Collection of Currier and Ives originals to include: The Rabbit Hunt; The Frontier Lake; The Old Oaken Bucket; Pacing King Hal Pointer; Outlet of Niagara River; Death of Colonel Ellsworth (Civil War); General Shields at the Battle of Winchester, VA (Civil War); The Brave Wife (Gen McClellan (Civil War); George Washington; Day Before Marriage, Brides Jewels; Year After Marriage, Mothers Jewel; The Little Brothers; The Little Sisters; The Sinking of the Ville du Havre; Haskell and Allen lithographs; Collection of Nazi World War II battlefield souvenirs to include: Swords, Bayonets and Knives, Kepis, Campaign hat, British Sword; Great collection of antique toys to include: Tin Geo Washington bridge; tin airport; Cast iron firehouse; Steel Model LaFrance aerial; Early Coca Cola truck; Die cast cars; Cast fireplace back with angles; Equisite Arts and Crafts chieling fixture with four hanging lanterns; Peach Blow vase; Oriental rugs; Oak mirrored armoire; Period one drawer and candlestands; Early dovetailed blanket chest; Oak dressers and chests; Empire mahogany chest of drawers; Victorian side chairs, Decorated plant seat chairs; Nannys rocking settle; Country furniture, etc

1937 Cadillac Opera Coupe

Jack Wootton, Auctioneer NJSSA, NYAA, NAA

Auction Center

973-334-0001

Auction Office

973-334-9380

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated

every Sat. at 2:23 P.M.

ATTENTION Auctioneers

All sales register info needs complete address, street, town, county & state.

SAT JAN 22 - 8:30AM Garage equip, tools M.C. Bonawitz & Son Selinsgrove, Pa Mark Jones Auct 570-286-0052 #AU1595

SAT JAN 22 - 8:30AM - Horse 10AM Mel's Stables, 834 Wallace Rd., New Holland, PA Mel Hoover, Auctioneer

SAT JAN 22 - Personal property, furniture, antiques, pickup truck, For Leon & Eva Youndt, 57 Blue Jay Dr., Denver, Pa Kline, Kreider, Good, aucts

SAT JAN 22 - 8:30AM Absolute John Deere Consignment Sale, Winterstown Fire Hall, Rt 24 south of Red Lion, York Co., PA Foreman/Brenneman Auctioneers 717-741-1728

SAT JAN 22 - 8:30AM Unreserved Auction of Private Coll of Petrolano, Country Store, Advertising, Taxaco Items at Ramada Inn, 1482 Litz Pike, Lancaster, Pa Witman Auctioneers, Inc

SAT JAN 22 - 8:30AM Garage Equip, International Farm Machinery, 328 N Market St, Selinsgrove, PA Snyder Co, PA For M.C. Bonawitz & Son, Inc Mark J Jones, Auctioneer

SAT JAN 22 - 9AM Real Estate at 11AM Household Goods & Guns 2000 Beaver Valley Pike, New Providence, PA For S Charles & Gladys W Esheleman, Auct Robert E martin & Sons 656-7770

TOY SHOW

Leesport Farmers Market Social Hall

Rte. 61 Leesport, PA

Sunday, Jan. 2, 2000 - 9:00 am to 2 pm

FREE ADMISSION

All Categories of old toys and collector toys.

150 tables of toys indoors.

Contact Gallagher Productions

(610) 562-9404

ABSOLUTE

JOHN DEERE

CONSIGNMENT SALE

SATURDAY, JAN. 22, 2000

@ 8:30 AM

LOCATION: Winterstown Fire Hall, Winterstown Borough, Southern York Co., PA. Approx. 3-1/2 mi. south of Red Lion, PA along Rt. 24.

COLLECTIBLES

Set of factory round spoke G whls-NICE, B NOS styled hood, B NOS grills in orig paper, A grills, potato cutter, Deere & Mansur 1-row corn planter-NICE, black 10 spd men's bike, white 5 spd. girls bike, green 3 spd girls bikes, #20 pedal tractors, low 60 pedal tractor, trailers, set of clam shell fenders, #30 Syracuse horse plow, Syracuse flip plow, 6' porcelain Quality Farm Equip sign w/raised letters, 4-leg deer New/Used parts sign, 5' oval 4-leg deer sign, Syracuse plow sign, 4-leg umbrella-NICE, hyd plow cys, pto tire pump w/orig box & paper, pedal tractor parts, oil cans: green w/raised letters on spout, red, blue, #93 green. Mower anvil, chain saws, whl wrenches, Deere & Co. Moline cast iron seat, letter holders, stuck pin. 4-leg deer: tape measure, ash trays, adv cans, bullet pencils, thermometers, bolt gauges, pens, notebooks, yardsticks. Local dealer adv items, chain tools, socket sets, torque wrench, clevises, belt buckets, batt charger, Franklin Mint collector knife set, hand tools, wrenches, marbles, 730 toy-orig., 1924-28 Deere & Munser hard back books, 150th anniv. desk sets, Neuhaus Winross trucks, watch fobs, Deere & Mansur wrenches, flat wrenches, rain gauges, 1955 & 1960 Modern Farming books-NICE, 1950s Better Farming books-NICE, 1955 50-60-70 book, 1891 JD pocket ledgers & many others, 1948 D book, 1947 A & B book, 1927 D book, Furrow magazines, "How Johnny Popper Replaced The Horse" books, paper wts, A toy w/man-orig., calendars, videos, 150th anniv. white jacket & cap, orig. bike service/parts books, snowmobile parts catalog, straw hat, 1918-1976 brown ser. # book, decal sets, nose plate. 2 cyl. parts: lights, carbs, generators, Dubuque parts, industrial/dozer parts. Parts books, service manuals, H tractor book, B book, tin seats, misc. editions Operation, Care & Repair Farm Equip. books. TOYS: 75th Syracuse Branch 4450 collector, RR car-Columbus Ohio anniv., 80 80th anniv, Precision models: A, 4020, A w/cultiv & more. Collector Eds: 3010, 70, G & more. THIS IS ONLY A PARTIAL LISTING!

INSPECTION OF ITEMS: Friday, Jan. 21 from 5-9 PM.

TERMS: Cash, travelers check, local checks only. NO out of state cks. unless known by auctioneers.

AUCTIONEERS: Rick Foreman Lic. 1163L
Ralph Brenneman Lic. 708L
717-741-1728

Refreshments served. Owners & Auctioneers not responsible for accidents.



SAT JAN 22 11AM prattsburg, NY along St Rte 53, John Seager Farm Machinery and Milking Equipment Auction Pirrung Auctioneers, Inc

MON JAN 24 - 1PM Ted's Lounge Absolute Auction Rudnick Sales, Inc

MON JAN 24 - 2PM Real estate in Lanc Co By Jacob B & sther S King Mel Hoover, auct

TUES, JAN 25 - 9AM Quilt, Craft & Buggy To Be held at A&C Dffenbach Auction Inc, 100 W Jackson St., New Holland, Lanc Co Pa 717-355-7253

WED, JAN 26 - 9AM Farm Equip, Tractors, Truck Lots To be held at Wolgemuth Auction, 109 N Maple Ave., Leola, Lanc Co., Pa 717-656-2947

WED JAN 26 - 9AM Benjamin B Malindee King, full line farm machinery 9 head of sorrel mules 565 NH Baler, NH 392 Harvester, 1466 Int Diesel Tractor Auct Petersheim

WED, JAN 26 - 9AM Quilt & Craft To Be held at A&C Dffenbach Auction Inc, 100 W Jackson St., New Holland, Lanc Co., Pa 717-355-7253

THURS JAN 27 - 9AM John J Beiler J B 41 Slaymaker Hill Rd, Kinzer, Pa Horses, milking & farm equip Auct Mel Hoover

FRI JAN 28 John Z Stoltzfus Complete Farm Dispersal, Horse drawn farm machinery, 6 work horses, dairy heifers, etc Wash-

ingtonville, PA Conducted by Fraley Auction Co (570) 546-6907

FRI JAN 28 11AM 520 W Lexington Rd Litz Pa Farm Real Estate Auct for J Lloyd & Elizabeth L Sheaffer Elmer Murry Auctions, Inc AU648L

FRI, JAN 28 1PM State Graded Feeder Pig Sales Carlisle Livestock Market, Inc 548 Alexander Spring Road, Carlisle Pa

SAT JAN 29 - 9AM Industrial, farm & machinery equip, 27210 Budds Creek Rd, Mechanicsville, Md For Elam J & Rebecca E Stoltzfus Mel Hoover, Auct

SAT JAN 29 - 10AM Estate Auction of Modern Era Trains, Held at Ridge Fire Co along Rt. 23, between Phoenixville, Pa and Rt 100. Ted Maurer, auct

SAT JAN 29 - 1PM 40 acre farm, 10 miles W of State College, Pa Centre Co Aucts Ron J & Ron S Gilligan, #AU339-L & #AU340-L 814-237-0189

MON JAN 31 - 1PM 19 Acre Farmette currently a B&B, 5 Acre Grain Oper 1225 Colebrook Rd, Manetta, Pa For Keith & Katherine Vogt Witman Auctioneers, Inc

MON JAN 31 - 1PM 19 Acre Farmette, currently operating as a bed and breakfast 1225 Colebrook Rd, Manetta Pa E Donegal Twp Lanc Co, Pa R Keith & Katherine Vogt Witman Aucts

Notice!!!

Farm Show

Schedule

Auctioneers...Please Mail or Fax
Public Sale Copy Early!

DEADLINE

FARM SHOW - Mon., Jan. 3, 2000 12 Noon

Fax No. (717) 733-6058

Public Auction

Wed., Jan. 19, 2000

Antiques & Farm Equipment

Directions: From Bird-in-Hand take Ronks Rd North to Church Rd. turn right to 1st road left Monterey Rd. to sale on left or from Leola take 772 South to Monterey Rd. turn right to sale on right.

Farm Equipment

Farmall 400 Tractor with Belt Pulley on Steel, 2 Row Pequea Corn Planter with Dry Fertilizer & Herbicide Attachments - good condition, 273 New Holland Baler with 2 Cylinder Wisconsin Engine, I. & J Mower Crimper Combination with 4 Cylinder VH4D Engine in good condition, New Holland 256 Rol-a-bar Rake with Rubber Mounted Teeth - good condition, Grimm Tedder, 24 ft Bale Elevator, Hydraulic Motor with 2 - 40 ft Hoses, 16 ft Flat Wagon with Side Boards, White Horse 2-Way Hydraulic Reset Plow, 16 in Gehl Silage Cutter with Belt Pulley, 2 - 106 Wiard Walking Plow, New Idea 323 1-Row Corn Picker, 2 - 10 ft Cultipackers, 10 ft. Drag, Auto. Turn Fore Cart, 3 Section Harrow, McCormick Deering 1-Row Corn Binder with Long Loader, 2 Fore carts, 12 ft. Weeder, Pequea Manure Spreader (as is), M.C. Roto Beater with 4 Cylinder Wisconsin Model A-465-D Engine, 2 McCormick Deering Cultivators, 3 Ton Poly Feed Bin, 24 ft. Portable Feeder, 14 ft Gate, 2 - 150 Gal Gas Tank and Pump, 2 - 275 Gal Tanks, 5 Poly Galf Hutches, Mineral Feeder, Silage Cart, Orkin Fly Blocker System, 4000 Tobacco Lath, Tobacco Shears and Spears, Planer, Drill Press, Mitre Saw, Tobacco Press, Posthole Digger, Digging Iron, Handyman Jack, Pipe Clamps, Scraper Blade, 2 Stainless Steel Water Tanks, 2 Can't Kicks, 4 Gutter Grates, Scalding Trough, Cupolas, Scrapers, Forks, Shovels, Brooms, Grindstone, Lots & Lots of Misc Lumber and Tools too numerous to mention

Horse Related Items

Double Pole, 5 Sets Front Gears, 5 Bridles, 10 Collars, Checklines, Jockey Sticks, 1, 2, 3 & 4 Horse Hitches

Antiques

Old Sleigh Frame, Milk Cans, Chicken Coops, 2-Hole Corn Sheller, Tobacco Sizing Box, Copper Kettle, Sturrer, Sausage Stuffer, Meat Grinder, Foot Corn Chopper, Egg Baskets, 9 Old 10 ft & 12 ft Benches, Old Oak Chest of Drawers, Old Oak Chairs, Old Oak Chest with Mirror Frame, Old Oak Slant Top Desk, Old Bird House, Straw Cutter.

Terms by

Elizabeth L. Stoltzfoos

250 Monterey Rd.

Bird-in-Hand,

Pa. 17505



Cash or Honorable Pa. Check Only

All Announcements Sale Day

Take Precedence Over All Advertising

Not Responsible for Accidents Food On Premises

Auctioneer: Mel Hoover AU-003111-L

717-354-8397 Home or 717-354-6431 Barn

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated
every Sat. at 2:23 P.M.**ATTENTION Auctioneers**All sales register info needs complete address,
street, town, county & state.**FEB. 2000**TUES. FEB 1 - Fat Cattle Sale
Carlisle Livestock Market, Inc.
548 Alexander Spring Road,
Carlisle, PATUES FEB 1 - 9AM Full line
upgraded horse drawn machinery,
7 Belgian horses, few shop
tools. Located, S. Weaverstown
Rd., Lanc Co. Lanc Pa Terms
By Christ & Sylvia Belter Peter-
sherm AuctionsWED. FEB 2 - 9AM Lumber &
Building Supplies To be held at
Wolgemuth Auction, 109 N Maple
Ave, Leola, Lanc Co., Pa 717-
656-2947WED FEB 2 - 9:30 AM 2nd annual
Mule Sale 122 Krantz Mill Rd.,
New Providence, Pa For Jonas S
King, Mel Hoover, auctioneerWED. FEB 2 - 6:30 PM Winross,
Hess, farm trac & toys To be held
at A&C Diffenbach Auction Inc,
100 W Jackson St, New Holland,
Lanc Co., Pa 717-355-7253THURS FEB 3 - 9AM Full line of
upgraded horse drawn farm
machinery, 9 head of draft horses,
18 holstein heifers, 1066 1st
diesel tractor, 2 pair of toy grey
horses, 17 hands, Moses & Eliza-
beth Esh Petersheim, AuctTHUR FEB 3 - 9AM Full line of
farm equipment, heifers, horses,
mules, 128 Geist Rd., Lancaster,
PA Robert E Martin & Sons,
Auct 656-7770FRI FEB 4 - 10AM Horse Sale,
New Holland Sales Stables, 101
W Fulton St, New Holland, PaFRI FEB 4 - 5PM Private Coll
Toy Auction at Gathering Place, 6
Pine St, Mt Joy, Pa Witman Auc-
tioneers, IncSAT FEB 5 - Real estate & per-
sonal property, For Horace & Bar-
bara Good, 294 Orchard Rd,
Mohnton, close to Bowmanville,
Pa Kline, Kreider, Good, auctsSAT FEB 5 - Tools & farm equip
located at 190 Musselman Rd.,
Bethel, Pa 2 1/2 mi N of Frys-
own Clarence S Burkholder,
Beef farm Martins Auct ServiceSAT FEB 5 - 8:30AM Private Coll
Toy Auction at Gathering Place, 6
Pine St, Mt Joy, Pa Witman Auc-
tioneers, IncSAT FEB 5 - 8:30AM - Horse
10AM Mel's Stables, 834 Wallace
Rd, New Holland, PA Mel
Hoover, AuctioneerSAT FEB 5 - 10AM Paul Smuck-
er Mules, New Holland Sales Sta-
bles, 101 W Fulton St, New Hol-
and, PaSAT FEB 5 11AM Blizzard Date
Feb 7 - 70 Holsteins full line
machinery & produce For Steven
eid 4521 Pulver Rd Dundee
schuyler Co NY Purring Auct
ncWED FEB 9 9AM Six Head
Grey Draft Horses Farm Machi-
nery Milking Equip Jonas Rebec-
ca Belter 765 NH Rd New Hol
and PA Steve Petersheim AuctWED FEB 9 9AM RE-12 Noon
Woodworking Shop & House 273
Newport Rd Leola Pa For Amos
3 & Rebecca S Miller Mel
Hoover AuctioneerFRI FEB 11 - 9AM Tractors,
Farm Eq & Supplies To Be held
at A&C Diffenbach Auction Inc,
100 W Jackson St, New Holland,
Lanc Co, Pa 717-355-7253FRI FEB 11 - 1PM State Graded
Feeder Pig Sales Carlisle Live-
stock Market Inc 548 Alexander
Spring Road, Carlisle, PaSAT FEB 12 - Gideon King Jr
446 Elm Rd, Kinzers, Pa Pro-
duce equip Auct Mel HooverSAT FEB 12 - 10AM Complete
Farm Dispersal of the late Al (Big
Al) Belledin, 8 JD tractors, 2 JD
Combines Washingtonville, PA
Conducted by Fraley Auction Co
570) 546-6507SAT FEB 12 (Blizzard date Feb
14) Clark Summit, Pa Paltman
Farms Late model farm machin-
ery, well maintained farm trucks,commercial cider press com-
plete tomato grading and packing
line Purring AuctsTUES FEB 15 Aaron K & Eliz-
abeth Glick 605 River Rd Delta
Pa Farm equip Auct Mel
HooverTUES FEB 15 - Fat Cattle Sale
Carlisle Livestock Market Inc
548 Alexander Spring Road
Carlisle PATUES FEB 15 9AM Farm
Equip Shop Tools Hrl Goods
455 Windy Tor Rd Leola Lanc
Co PA Jonas Glick Robert E
Martin & Sons 717-656-7770WED FEB 16 & THURS FEB
17 - 8:30AM Wed Lawn & Gar-
den Tractors, misc items Thurs
Misc items, tires, posts, etc
Farm Equip & tractors 6 miles S
of Chambersburg, Pa 1 mi E of
manon, just E off I-81 at Manon
along Rt 914 Manon Auction
ServiceTHURS FEB 17 - Mules, Milk
Equip, Farm Equip, For Daniel
E & Nancy Zook, 326 Hammer-
town Rd, Narvon, Pa Snyder's
Auction ServiceFRI FEB 18 - Steven B & Katie
Stoltzfoos, 5087 Newport Rd,
Kinzer, Pa Horses, milking &
farm equip Auct Mel HooverFRI FEB 18 - 9AM Terms by
Steven B & Katie S Stoltzfoos
5087 Newport Rd., Kinzer, Pa
Farm Equip, Horses & Hay Mel
Hoover, auct**PUBLIC AUCTION**
Friday, January 21, 2000**60 Head Herd Dispersal**
Crops, Farm EquipmentDirections: From Strasburg take 896
South to White Oak Rd. Turn right to
Mount Pleasant Rd. turn right to sale on
right, or from Quarryville take 372 East to
Mount Pleasant Rd. Turn left go 5 miles to
sale on right.**60 Head Herd**
Dispersal 60 Hd.
41 Cows
18 Heifers
1 Service Age
Bull11 Head 1st calf fresh in Aug., Sept., Oct.
Balance are 2 & 3rd lactation cows in all stages
of lactation mostly fresh in Aug., Sept., Oct. 9
Bred heifers, 9 heifers weighing 350 to 450 lbs.
Auctioneers Note: These cows are young cows
with good udder and have never been pushed,
with a butterfat of over 4%. If you need cows
don't miss this sale!**Milking Equipment**3 Westfalia Bio milker units with 60 lb. buckets,
1-72 lb. bucket, milk strainer, bender washer,
twin tubs, breeding wheel, cow trainers, foot
bath, dehorner, Westfalia vacuex regulator,
Delvotest antibiotic tester.**Crops**

Approx. 75 ton corn silage

Farm EquipmentWhite Horse 2 way hydraulic plow, JD 999 2 row
corn planter with plateless hoppers & fertilizer
attachments, 5 HP Huskee chipper/shredder, MC
No. 9 silage cutter with PTO gearbox, E.L.S. 675
gal. liquid manure spreader with auger (good
condition), 8 row Black Rock high clearance
sprayer with pump, Pequea manure spreader with
tailgate (good condition), 2-1 row McCormick
Deering cultivators, New Idea transplanter, culti-
packer, Pequea spreader beater & wide spread
(like new), 6' barnyard scraper, 30 ft. Bartville
portable feeder on wheels, Cherrylane Round
bale cart with winch, Rockford clutch reduction,
12 volt Kemin liquid applicator, 500 gal. Ply
tank, 50 ft. endless belt,**Misc. Items**2000 PSI pressure washer with 5 HP Kawasaki
engine (very good), pump jack, 12" Smucker
bench grinder, Acetylene torch with tanks, 4
cylinder Wisconsin engine 2-50 lb. bags fresh cut
hay preservative, 10 lath lath holder, 3 compart-
ment tobacco bale box with air cylinder, 6,800
tobacco lath, tobacco shears & spears, tobacco
twine, shop stove, 12 volt Hotline fence,
lanterns, grain cart, silage cart, wheelbarrow, gut-
ter fork, dust bag, misc. animal health supplies,
Smucker barn dri spreader.**Household Goods**Sofa, Warm Morning coal stove, kerosene heater,
chest freezer, icebox (good condition).
Sale Order: small items, farm equip., milking
equip., cows.

Terms by:

**JOHN E. &
ANNIE G. FISHER**
41 Mt. Pleasant Rd.
Paradise, PA 17562Cash or Honorable PA Check Only
All Announcements Sale Day Take
Precedence Over All Advertising.
Not Responsible for Accidents
Food on Premises
Auctioneer: Mel Hoover
AU-003111-L
717-354-8397 Home
or 717-354-6431 Barn**It's Clean And It's Green****AUCTION SALE**Frank Baker has discontinued his farming operation
and will sell the following equipment on:**SATURDAY, JANUARY 15, 2000**

Beginning At 11:00 AM

HARRISON RD - BERLIN, MD
(ON MD EASTERN SHORE)DIRECTIONS: Take Rt. 113 South of Berlin, MD 1 mile South of Sherwood Ford, turn
East on Hayes Landing Rd. Go 1/2 mile, turn left on Harrison Rd. Auction on Left.

NO SMALL ITEMS - THIS IS IT!

BE ON TIME OR YOU MIGHT MISS THE ITEM YOU WANT!

Inspection Prior To Auction: If items are not in field they will be at Mr. Baker's shed
where they are usually kept, which is first lane Right of Harrison Rd, 10014 Harrison Rd.
Go on up and take a look at this good clean equipment sale.**John Deere 9500 Combine**, 4WD, 1997, SN 673569, mint cond, shed kept, 564 engine
hrs, 420 separator hrs; **John Deere 920 Grain Table** w/fiberglass skid plates. Combine &
Grain Table offered separate and together. **John Deere 843 8 row narrow Corn Head**, oil
bath, SN 635860; **John Deere 8560 4WD Tractor** w/Quad, 3297 Hrs, 235 eng. HP,
20x8R38 Duals all the way, 1989, SN 1064; **John Deere 4455 MFWD, POWER SIFT**,
18.4R42, 141 HP, 1990, ONLY 2853 HRS, 3 REMOTES, SN8876; **John Deere 4440**,
Quad, 18.4R38, 5799 hrs, 130 HP, 1982, 2 remotes; **International 3990 Excavator**, Deutz
air cooled, 100 HP, very good cond; **5' clean out bucket, exc. Cond; 1982 Ford F-600**
w/370, 5x2, PS, 20' metal floor dump w/Rayo rear tag axle, MD INSPECTED, 53,903
actual miles; **1975 Ford F-600** w/23' body, PS, 5x2, Rayco rear tag axle, only 60,575
actual miles, MD Inspected; **1977 International** transtar II COE 290 Big Cam
Cummings, 10 speed, air steering, 400,000 actual miles; **1965 Ford C-600w/** slightly
used **15' Chandler** hydro spreader body & lime insert, truck runs but need transmission,
330 HD, 5x2 trans; **Chandler 16'** PTO Drive Spreader, new floor chain 12-1-99; **1974**
Brown 40' trailer w/grain rails & tarp; **1988 Unverferth 235 Seed Cart** on 12.5L-15SL,
Self contained unloading system; **Krauss 32' Disc**, 8" space, only 4 years old; **Unverferth**
rolling harrow II, 35' spike & double basket, 4 years old; **John Deere 7000 Planter**, 12
row, front fold, no till coulters, liquid tanks are good but not used recently, pump not work-
ing, 300 monitor; **Land Pride 55 Scape**, 9' Blade, 6 way hydro, heavy duty, exc cond; 2
Unverferth Header Carts, **John Deere 8300 drills**, 30' wide; 23 spout each, front wheel,
dbl disc openers, single depth booms, press wheels, covers; **John Deere 1518** hydro
fold rotary cutter, 4 blade per unit; M&W 18.4x38 duals; **Hardee Tiger**, hydraulic slide
ditch bank cutter; **John Deere 220** hydro fold disc, 17", new blades, 9" space; **Ferguson**
18' hydro fold chisel plow, **John Blue 1200** gallon S/S spreader, 3000 pump, contact
drive, hydro adj, 40' booms; **Hyster 25 ton** low boy trailer w/16' bed & ramps; 2 **Ferguson**
14' chisel plows, 3pt. **International 12 row** hydro fold cultivator; **John Deere RM 6 row**
cultivator; **McConnel 3 pt** Back Hoe w/18" bucket (a project); **GT Gilmore Model 570 Gas**
Dryer on Carriers; **Hill 26'** Dump Trailer, wrecked, frame good body & cyl damaged, MF
880, 8x16 on land plows, MF 5x16 plows.

Hauling will be available - List available

We work with Telmark, farm Credit and Your Bank if you need financing.

TERMS OF SALE - Cash or Good Check Day of Sale. Titles Will be held for 10 business
days unless paid for by cash or cashier's check.Pete Richardson Auction Sales, Inc.
P.O. Box 51 - Willards, MD 21874
410-546-2425**Witman Auctioneers Inc.****R. Keith & Katherine Vogt**
PUBLIC AUCTION**PRIME LANCASTER COUNTY 19 Acre Farmette Currently**
Operating As A Bed And Breakfast, 5 Acre Grain Turn Key Operation
MONDAY, JANUARY 31, 2000, 1:00 P.M.Located At: 1225 Colebrook Road, Marietta, PA. East Donegal Township, Lancaster
County.Directions: From Lancaster, PA, Take Route 30 West To Columbia Exit (Route 441),
Turn Right Onto Route 441 North, Continue To Route 772 East, Turn Right,
Continue To Colebrook Road Turn Left And Continue To Auction Site. (This
Property Is 5.2 Miles From Route 30.)**TRACT #1:** Features A Prime Lancaster County East Donegal Township 1868 Brick
2-1/2 Story Farm House Currently Operating As A Bed And Breakfast**First Floor Offers:** A Large Living/Dining Area With Built-In Corner Cupboard;
Williamsburg Colonial Style Fireplace With Gas Fireplace Insert, Very Large Modern
Kitchen With Built-In Cabinets, Eat-In Area; Foyer; Laundry & Office Area**Second Floor Offers:** Master Bedroom With Walk-In Closet, Powder Room, Wall-
To-Wall Carpet; Total Of Five (5) Bedrooms, Total Of Two (2) Powder Rooms, Total
Of Four (4) Full Bathrooms.**Third Floor Offers:** Loft Area Converted Into A Bedroom With Wall-To-Wall
Carpet**Basement:** Renovated Into A Large Family Room With Rustic Barn Siding, Large
Brick Fireplace, Repointed Stone Walls With Outside Entrance Leading To A Brick
Patio, Wall-To-Wall Carpet Remaining Portion Of Basement Serves As A
Furnace/Utility Room**OTHER OUTBUILDINGS INCLUDE:** Bricked Gable End Frame Bank Barn With
Two Drive-In Floors; Two Bay Floors, Setup And Situated For Cattle. Frame Double
Bay Corn Barn.**OTHER ADDITIONAL FEATURES:** Oil Furnace With 275 Gallon Storage Tank
With Coal Stoker Furnace For Backup Usage; Ultra Violet Light Water Purification,
Water Softener; Well Water And Spring, Macadam Driveway. This Tract Is Approx-
imately 19 Acres With Approximately 17 Acres Tillable; Approximately 2+ Acres
Fenced Meadow With Spring Fed Creek; Both Tracts Total 24.89 Acres; SubDivision
Is Completed And Through Final Approval And To Be Recorded After Auction.TO PREVIEW BED AND BREAKFAST ON WEBSITE: www.vogtfarmbnb.com**TRACT #2:** Features Approximately A Five (5) Acres Tract Of Land With A Grain
Turn Key Operation, Thruway 10'x60' Drive Through In-Ground Scales (Installed
New In 1977), Four (4) Circle Steel Grain Bins, One (1) Store More Grain Bin With
225,000 Bushel Storage Capacity, Two (2) Circle Steel 3,000 Bushel Overhead Grain
Bins With Drive Under Loading; One (1) Circle Steel 1,000 Bushel Overhead Grain
Bin With Drive Under Loading; One (1) Circle Steel 3,000 Bushel Overhead Grain
Bin With 10,000 Bushel Total Storage, Total Grain Capacity Storage Of 235,000
Bushel.**ZONING:** Agriculture**INSPECTION OF PROPERTY:** To Arrange An Appointment For Your
Convenience Contact The Vogts At 717-653-2510.**TERMS:** 15% Down Day Of Auction, Balance Due In Full Within 45 Days.**ATTORNEY:** Carl R. Hallgren 717-653-9329**REALTOR PARTICIPATION:** A Brokerage Fee Of 1% Of Selling Price, Realtors
Must Have All Clients Registered With Auction Company 48 Hours Prior To Auction
AUCTION CONDUCTED FOR: R. KEITH VOGT, KATHERINE E. VOGT
(717) 653-2510

For Complete Listing, Contact Auction Firm For Brochure #31.

AUCTION
CONDUCTED
BY:**Witman Auctioneers Inc.**

AUCTIONEERS, APPRAISERS AND LIQUIDATORS

JAY M. WITMAN - AU-001127-L

LUKE R. WITMAN

657 Fruitville Pike, Manheim, PA 17545

(717) 665-5735 • FAX (717) 664-2737

Check Our Website: www.witmanauctioneers.com**3 AUCTION SALES****VEHICLES, OFFICE FURN. & EQUIP,
REST. EQUIP., CARPET, FLOORING,
CABINETS, ELECTRICAL, PLUMBING,
DOORS, PLYWOOD, ROOFING****TUESDAY, JANUARY 4, 2000 - 10 A.M.****1825 E. BOSTON AVENUE,
PHILADELPHIA, PA**

**VEHICLES, OFFICE FURNITURE & EQUIPMENT,
CASH REGISTERS**Compaq Presario 866, DTK, Gateway 2000, DTK, Power Mac
7100/866, Quadra 615 & 605 Computers, H/P Deskwriter, Deskjet
560C, Laser Jet II P Plus Macintosh Personal Laser Writer, Brother 600
Fax Machine, Desks, Credenzas, Tables, Bookcases, Office Chairs, File
Cabinets, ladders, Royal 587CS, Sharp RR & XE 2055 Cash Registers,
Till Boxes, Verifone Credit Card Machine w/Printers, Stan SP 300
Receipt Printers, Paymaster Check Writer**CARPET, FLOORING, CERAMIC TILE, WALL COVERING
CABINETS, DEHUMIDIFIERS, LIGHTING,
ELECTRICAL SUPPLIES**3000 S Y of Berber, Plush, Commercial & Area Carpet, 5000 SF of
Mannington Mirage & Pergo Hardwood & Laminate Flooring, 5000
L F Baseboard Molding, 12"x12" Mosaic Ceramic Tile, 1300 S Y 6"7"
Ribbed Wall Covering, Kitchen Cabinets, Bases & Utility Cabinets,
Medicine Cabinets, 20 Kenmore 50 Pint Dehumidifiers, Hunter
Chandeliers & Lanterns, Brass pendant fixtures, outdoor & Ceiling
Fixtures, Recessed Lighting, Timing Relays, Ballasts, Electrical Boxes,
Duct Heaters Motors, Emergency Lights, 3" Galvanized Pipe,
Aluminum "H" Channel**RESTAURANT EQUIP, PLUMBING, DOORS, PLYWOOD,
ROOFING, AUTOMOTIVE CARPET, YARN, TOOLS, HARDWARE**
Vulcan Convection Oven Wine Chill Boxes, SS Refrigerated Table, SS
Milk Dispensers, Warner Box, 3 Sect SS Shelves, SS & Butcher Block
Table 3'x3' & 3'x4' Tables, Whirlpools, Tubs, Pedestal Sinks, Toilet
Seats Ceramic & Cl Sinks, Prehung Steel & Pine Doors, French, SC &
Bi-fold Doors, Wood Shutters, Plywood, Locksets, Door Hardware,
Homosote, Shingles, Roofing Paper, 3000 S Y Non-Woven Needle
Punch Automotive Carpet, 3900 Yds Yarn, Dayton Tradesman 16 1/2"
Drill Press, Energair 2 & Campbell Hausfeld Air Compressors, 30 Ton
Jacks, Drum Trucks, Hand Trucks Radiators Oil Cans, Oil Spouts, Pkg
Hardware, Paint Brushes, Stain, Water Seal, Wall Paper Paste, Office
Refrigerators, Curtain & Care Rods, Stereos, Beveled & Plate Glass,
Dress Mannequins, Microwaves, Toaster Oven**INSPECTION: MONDAY, JANUARY 3 - 9A.M. - 4 P.M.**
TERMS: CASH OR CERTIFIED FUNDS -
25% DEPOSIT (\$100.00 MIN.)**VISA & MASTERCARD ACCEPTED FOR BALANCE OF PURCHASE****HERMAN MILLER WORKSTATIONS
FURNITURE, COMPUTER, PRINTERS****THURSDAY, JANUARY 6, 2000 - 10 A.M.****1777 SENTRY PKWY.****WEST, BLUE BELL, PA**DIRECTIONS: I-76 (Schuylkill Expressway) West to Exit #28-B
(Plymouth Meeting) Take Route 476 (Blue Route) to Exit #9
(Germantown Pike West) At fifth light (Walton Road), turn right At second
light (Township Line Road), turn left Turn right at "Sentry Park
West" sign Fidelity Bond is the second building on the right (1777
Sentry Parkway - Dubin Hall 1st Floor)60 Herman Miller Workstations, 90 Vertical File Cabinets, 15 Lateral
File Cabinets 25 Fireproof File Cabinets, 115 Asst. Office Chairs, 35
Stack Chairs, 7 Exec Wood Desks w/Credenza, Conference Table,
Spacemaster 8 Pc Rolling Storage System, Bookcases, Folding Tables,
Waiting Room Furniture, Marker Board Computer Floor, Floor Safe,
Refrigerators, Kitchen tables, 35 Computers, Printers, Document
Camera, typewriters, Microfilm Readers, Portable Projector, Tab
Burster, Decollator, Liebert System, 3 Air Conditioners, Zenith TV**INSPECTION DAY OF SALE FROM 8:30 AM**
TERMS: CASH OR CERTIFIED FUNDS -
25% DEPOSIT (\$100.00 MIN)**10% BUYER'S PREMIUM ON ALL PURCHASES**
COMPLETE PAYMENT DAY OF SALE**2 SEWING PLANTS****THURSDAY, JANUARY 20, 2000 -**
10 A.M. & 1 P.M.CALL AUCTIONEER FOR MORE INFORMATION
PA. AUCTIONEERS LICENSE NO. RY-000087-LEstablished in 1834
COMLY Auctioneers
W.M. F. COMLY & SON, INC.
1825 East Boston Avenue, Philadelphia, PA 19125
(215) 634-2500 • FAX (215) 634-0496
PA Auctioneers License No. RY000087-L
e-mail: comly@icdc.com website: www.comly.com

Public Auction Horses - Machinery - Some Furniture

Tues., Jan. 11, 2000 10 AM
Located in Mifflin County, Belleville,
PA., Take Route 305 West 1 1/4 Miles To
West Back Mt. Road, 1/2 Mile To Farm
Lane On Left.

5 Draft Horses And Harness

Team of 5 yrs. old sorrel geldings, team of 9 and 14 yrs. old sorrel mares, 7 yrs. old sorrel mare w/5 mos. old stud colt, all w/good color and hitch good in all machinery. 5 sets good britch harness, assorted collars, bridles, etc.

Utility Shed And Dairy Equip.

New 12 x 30 ft. shop/buggy shed w/overhead door, electric 3/4 h.p. air compressor, Spudnick milk tank, double was tubs, 4 DeLaval 55 lbs. milkers, s.s. pail w/lid, 2 strainers, J. & D. fibreglass feed cart, silage cart, 4 Rubbermaid water troughs, 5 corner stall feeders, 2 feed lot troughs, two 1 ton feed bins like new, 10 metal farm gates, 7 stall calf hutch and head lock for 4 calves.

Farm Machinery

Farmall super M tractor on steel, Blizzard no. 600 silo filler, I.H. no. 9 silo filler w/shredder heads, I.H. ground driven corn binder w/loader, N. I. no 17-A manure spreader, case I.H. no. 8520 baler w/engine, I.H. no. 9 trailer gear 8 ft. mower, N.H. no. 55 rake, Grimm ground driven tedder, Kewanee 36 ft. elevator, 3 good Farm Bilt and Zimmerman wagons, 2 fore carts (1 auto. steer), White Horse 14 in. riding plow, I.H. 12 ft. harrow, Brillion 9 ft. cultipacker, J.D. disk, I.H. cultivator, 7 ft. utility cart, yellow top market carriage w/roller bearings, N.I. spreader tires, platform scales, 250 gals. fuel tank w/pump, 12 wire rabbit cages, 2-3 and 4 horse hitches, neck yokes, curts bolt bin w/bolts, forks, shovels, misc. wagon items.

Furniture Items

Fisher wood stove, kettle furnace w/kettle, iron kettle, charcoal grill, Franklin treadle S.M., 5 gun cabinet, pine chest drawers, recliner chair, rocking chair, odd chairs, kerosene heater, white gas pole light, and some misc. items.

Terms - Cash Or Approved Check Food Stand
Thomas J. And Ella Yoder
2830 W. Back Mt. Road
Belleville, Pa.

Mark Glick - Auctioneer
AU-349-L

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated
every Sat. at 2:23 P.M.

ATTENTION Auctioneers

All sales register info needs complete address,
street, town, county & state.

Yingling's Heritage Acres
Flea/Yard Sale/Anything Market
every Sat./Sun.
\$10/day, 20'x25' space
no reservations necessary!
Rts. 15 & 97 int., Gettysburg
(717) 334-1568

Public Auction
in Maryland on
Sat., Jan. 29, 2000
Coffee Hill Welding
Going Out of Business

Directions: From Waldorf take Rt. 301 South to Rt. 234 East follow Rt. 234 approx. 10 miles to auction on left.
From Leonardtown take Rt. 234 West approx. 12 miles to sale on right.

Industrial Equipment

Case 1000C Terratractor Bulldozer with 4 Way Blade, Pettibone Super 8 Tractor on steel, Sulk Mounted Forklifts on steel, Fifth Wheel Trailer Dolly

Farm Equipment

Oliver 995 Tractor on steel, McCormick Deering #9 Trailer Gear Mower, 2 Fore Carts, Disk Harrow, Cultivator, Grain Drill, Etc., Case 900 Tractor for Parts including Rear Steel Wheels.

Machine Shop Equipment

Woodard 10 ft. Throatless Plate Shear, Chicago Dries & Krump #8L10 10 ft. Press Brake, Buffalo Iron Worker, Cincinnati Floor Mode Drill Press, Hannifin Chicago Hyd. Press, Losh Bough Mechanical Punch Press, Hornings 18 in. Plate Roller, Cincinnati 74 in. Plate Roller, American 20"x10' Metal Lathe, Warner & Swasey Turret Lathe, Bridgeport Milling Machine Cincinnati, Dividing Head, Metal Cutting Band Saw, 2 Ton Ingersol Rand Air Cable Hoist, 1 Ton Ingersol Rand Air Cable Hoist, Acetylene Torch & Cart, 10 Ton Bridge Crane Truck & Track, Air Powered Hydraulic Port-A-Power, Hobart #MC300 Welder, Lincoln #SAE600 Welder, Lincoln #SAN600 Welder, Lincoln #SAF600 Welder, Air Drive Wire Feeders, Atlas Copco Air Compressor, Sandblasting Tank & Hoses & Nozzle, Etc., 4'x15' Heavy Welding Table, 4'x20' Heavy Welding Table, Carolina 8'x14' Metal Cutting Band Saw.

Misc. Equipment

375 CFM Ingersol Rand Air Compressor Powered by 111 HP Deutz Diesel, 160 HP Caterpillar Power Unit #D333 very good condition with Rockford Clutch, 120 H.P. Perkins Power Unit #TW33420 very low hours with Rockford Clutch, lots of Misc Hydraulic Cylinders, Pumps, Motors, Valves, Accumulators, Hoses, Fittings, Etc., Lots of Misc Air Valves, Motors, Cylinders, Fittings, Hose, Etc., 3 Large Air Supply Tanks, Lots of Misc. Pulleys, Belts, Bearings, Bolts, Threaded Rods, Concrete Anchor Bolts, Pipe Fittings, Etc., Tons of Misc. Steel including Angles, Flatbars, Rods, Channel, I Beams, Sheets, Square Tubing, Pipe, Rebar & Steel Racks, Misc Truck & Trailer Axles, Misc. Hand Carts & Dollies, Misc. Chain Hoist.

Building Materials

Misc. Doors, Windows, Cabinets, Metal Closets,
Nails & Nailers

Misc. Household Goods

Monarch Cookstove, #240 Home Steader Woodstove, Fireplace Insert, Table, Cribs, Children's Furniture.

Terms by

Elam J. & Rebecca E. Stoltzfus
27210 Budds Creek Rd.,
Mechanicsville,
Maryland 20659

All inventory subject to prior sale
No Out of State Checks Without Proper Credit Approved.
All Announcements Sale Day Take Precedence
Over All Advertising
Not Responsible for Accidents
Food On Premises
Auctioneer: Mel Hoover AU-003111-L

FRI FEB 18 10AM Horse Sale,
New Holland Sales Stables, 101
W Fulton St., New Holland, Pa
SAT FEB 19 - Blizzard Date Feb
21 Shiloh, New Jersey F War-
ren Harris and Son, LLC Com-
plete Grain Farm Machinery Dis-
persal Pirring Auctions
SAT FEB 19 - Amos S & Rebec-
ca F Stoltzfus, 37510 Westham
Lane, Mechanicsville, Maryland
Farm equip. Auction Mel Hoover
SAT FEB 19 - 9AM Annual Con-
signement Auction Honey Brook
Fire Co For Info 610-273-2907,
610-273-7742, 610-273-9642/
SAT FEB 19 - 9AM Farm
machinery Wright Bros 1305
Old York Rd., Robinsville, NJ L
Parker Sales Inc D 609-758-

8603, N-609-723-2010
SAT FEB 19 9AM Household
farm machinery For Bill Chain
Near Shippensburg Rod & Gun
Club, Shippensburg, Pa Fore-
man & Brennenman, Auctions 717-
776-4602
WED, FEB 23 - 9AM Farm
Equip., Tractors, Truck Lots To
be held at Wolgemuth Auction,
109 N Maple Ave., Leola, Lanc
Co, Pa 717-656-2947
THURS/FRI Feb 24 & 25 - 8 30
AM, 601 Musser School Rd.,
Leola, Pa Farm Eq., Antique
Tractors For B John & Elias S
Bieler Dennis Wolgemuth Auction
2357
FRI FEB 25 - Farm Equip 10

tractors combine hay vehicles
at 550 Ridge Rd Shippensburg
Pa for Carl and Betty Kelso Mar-
tin Auction Serv Auction
FRI FEB 25 - 1PM State Grad-
ed Feeder Pig Sales Carlisle
Livestock Market Inc 548
Alexander Spring Road, Carlisle
Pa
SAT FEB 26 - (Blizzard Date
Feb 28) Pen Yan (Yates Co.)
NY Complete Farm Dispersal for
Mr and Mrs Gary Chanstensen,
130 Holsteins and full line of
machinery Pirring Auctions
SAT FEB 26 - 9AM Tractors,
farm equip, tools, Verna P
Brubaker, 175 N Cornwall Rd.,
Lebanon, Pa John D Stauffer,
auction

Kempton Community Center Kempton, PA

Seasons Greetings To All

The Big 37th Annual Sale
Saturday March 18, 2000

Gigantic Public Auction

**Guns, Cars, 2 ATV's, Hyster Fork Lift,
Boat & Trailer, Tools, Antiques,
Household Goods, Nascar Collectibles**

For The James H. Bosley Estate Of Seven Valleys, PA & Others

SAT., JAN. 8, 2000 AT 8 AM

(Early Birds, Box Lots Sell First **** Preview Fri. Eve at 5-8 P.M.)

Auction to be held in the Chanceford Community Center, 7 miles southeast of Red Lion, off Rt. 74, turning at the Brogue Post office & proceed 1 block.

GUNS & GUN ACCESSORIES: Over 50 shot guns, rifles & pistols. A brief listing as follows: Win. Mod 70-416 Rem. mag. Super Exp; Win. Mod. 1890, Browning Ultra Plus 12 Ga. Browning Gold Hunter 12 ga.; Rem. 700- 17 Rem. w/scope; Rem. Mod. 7 - 7mm - 08; Am Arms Co. 410; P Moore dbl. bbl; Kodiak KapBlock dbl. rifle, 58 cal; Beretta 12 ga. over & under, many Rugers such as Rem. 2506 rifle w/scope, Ruger 300 Win. magnum, 2 -18 Bee Swift w/scope, new model Blackhawk 41 mag. (last 1 made, never fired), Blackhawk 45 lg. Colt, F Llietta 44 cal. old Army; Colt 44 mag; Anaconda; Ithaca mod 72-22 cal. saddle gun w/scope; Taurus Raging Bull 454; Smith & Wesson 357 Reck 25 cal. auto; Colt 32 cal auto; Lefever 16 & 20 ga. dbl. barrels; Win. Mod. 74 semi-auto; Browning Sweet 16, bent rb; 2 Win. Mod 70-243 & 270 cal w/scopes; S&W 32 cal pistol; H&A 5 shot pistol; Marlin 12 ga Mod 43 - 12 ga pump & others For complete listing send S.A.S.E. to 1022 Woodridge Rd., Red Lion, PA 17356. Browning Gold 30 pl. gun safe w/attached ammo safe; lg. asst. ammo; Colt deer skinner knife & others; reloading equip. & dyes, holsters, slings; scopes & mounts; hunting bows & arrows; black powder guns; binoculars & many articles not mentioned to be sold at approx. 11:30 A.M.

CARS, ATV'S, BOSTS, & FISHING TACKLE: 1985 Chevy Caprice Broughm 4 dr., fully equipped, blue, 40,000; 1 owner mi., like new; 1986 Chevy Celebrity gray, 4 dr, air, fully equipped, only 70,000 mi, very good garage kept car; 1997 Honda (Foreman 400) 4x4 like new; 225 cc Honda 3 wheeler, Senuty 16' tri-hull boat w/trailer; 9.9 Evinrude outboard motor, sm. elec trolling motor; doz's crab pots; fishing rods & reels; plugs; tackle boxes; Coleman gas lantern; propane gas burner offered at approx. 11 A.M.

FORKLIFT & SHOP TOOLS: Hyster #20 propane fork lift, good working cond; lg. H.D. drill press; 3 T floor jack; 24" tractor wood saw; 3 pt. hook hyd. wood splitter; Demco 3 pt. hook sprayer w/booms; contractors lawn roller; gas power air comp; R.R. luggage cart wagon; J.D. elec. air compressor; J.D. lawn thatcher; J.D. leaf blower; J.D. weed trimmer; J.D. chain saw; J.D. port air tank; J.D. shop manuals; wheelbarrows; lg. Craftsman stacking tool box; Hitachi 8-1/2" slide compound saw, Makita 10" slide compound saw; Hilti hammer drill, Milwaukee & Bosch drills; Porter Cable & Makita hand planers; very lg. asst. Craftsman & others mechanics tools; battery charger; valve grinder unit, elect. & air impact wrenches; impact chisels, router, power cords; air hoses; analyzer for elec. fork lift; high pressure washer; pickup tool box, cyclone seeder; bench grinder; wet stone grinder, parts & bins; 2 wheel trailer; Ryobi string trimmer; Scotts drop spreader; B&D hedger; mining equip & tools; walking plow; ladders; Lawn Boy mower; etc

ANTIQUES, HOUSEHOLD GOODS: Massive pine dining table, 4 chairs & bench; king waterbed; maple chest & dresser; bunk beds, sofa & chair, queen sz tan corduroy sofa/sleeper, like new, 2 Strato-Lounger plaid recliners; coffee table; lamp tables; sewing machine; Kimball Moon-Glo keyboard; desk; Consolidated Dutch West wood & coal stove, Regulator wall clock, sm appliances; dishes; cookware; vintage Xmas decor; adv. items; old lunch pails, old magazines & picture frames; 1940's & 50's toys & games; Hop-A-Long Cassidy bank; Davy Crockett costume; cap guns, Boy Scout uniform & equip, decorative household items; jewelry; etc.

NASCAR COLLECTION: Approx. 75 Nascar cars, 1 18 & 1 24 scale, clocks, posters & mementos too numerous to mention to be sold at approx. 10:30 A.M.

TERMS: Cash to out-of-state buyers unless known by auction co. Not responsible for accidents. Good food Large outside items at approx 11 00 A.M

Red Lion PA
Ph 717 244-0295

BOOKERIST
Auctioneers
Lic. Nos. 820 & 821

York PA
Ph 717 741-4489

Laura E. Bosley,
Jenny R. Bosley,
Co-Executors
D. Reed Anderson,
Attorney

PUBLIC AUCTION

**Farm Equip.,
Skid Loader,
Household, Misc.**

TUES., JAN. 4, 2000
at 9 AM

Between Kutztown & Moselem Springs Hotel At the south end of the Rt. 222 Bypass, turn W. onto Kempsville Rd., 1 mile to Eagle Rd., then left 3 mile to farm on R Berks Co., PA.

Tractors: (7) Massey Fergusons - 1105, 275, 175, 2-165, 135, 150g;

Tillage: (2) 3 pt 7 & 9 tooth chisel pls; MF 3 pt semi mtd 4 & 5 btm pls; JD 3pt 14" pl; JD 210 14" transport disc, JD 18' wing transport disc, JD 10' roller harrow; JD KBA 8' disc; Koehn 18' S tine field culti; Brady 18' field culti; **Grain:** MF 550 combine w/#43 4 r c head, & 13' flex head w/alu reel; (2) 275 bu & (3) 165 bu gravity wagons; 45' 8" PTO transport auger, JD 8250 8x16 dbl disc gr drill w/3 boxes; JD 1240 4 r c pl; JD 3 pt 246 2 r c pl; c drag;

Haying: JD 1209 mower cond, (2) MF rakes; NH 56 rake; 3 pt whl rake; MF 124 & 128 balers w/throwers; **Forage:** (3) NH 770 forage harvesters; open end pick-up head; 1 r c head; 2 r n & 2 r w c heads, Zimmerman hyd unload tandem axle wagon w/roof; Badger 950 tandem axle silage wagon; Gehl 920 tandem axle forage wagon; NH #8 wagon w/roof; Nh #27 & Kools forage blowers;

Skid Loader: Gehl (Prime Mover 200) diesel, **Trucks:** 1970 Ford F-700 cab over w/5 spd trans, 2 spd rear, has 25' diamond plate tilt & rollback body w/hyd tail; 1975 Int 1700 Loadstar w/16' gr dump; 1987 Chev 20 3/4 ton 4x4, 350 eng, 1980 Chev 10 diesel pickup; 1950s Int R-150 w/12' body (to be restored);

Misc. & Household: (3) NH manure spreaders, 676 tandem axle, 518 & 519; Tyler 2 to 4 ton tandem axle fert lime spreader, needs little help; 12' Brady & NI stalk shredders; 3 pt S tine 4 r culti; Gehl 120 grinder mixer, 3 pt circ saw; Century 400 gal weed sprayer, one r potato pl; one r PTO potato digger; pull behind (antique) road grader; (8) 14" h x 24' long steel truss rafters; 3000 PSI elec washer; tire changer; Troy Bilt Horse tiller; 35-45 KW PTO alternator on tri; Forney 250 AMP elec welder; lg tank one hp comp; 2 port air comps, 1000 gal fuel; 275 - 300 - 500 gal skid fuel tanks; Clipper #2 seed cleaner; cattle water bowls; Surge #45 & 85 vac pumps, (14) Surge SS milker units; (20) milk cans, (17) poultry crates; PTO clover seeder; hyd cycles; 40 gal gas hwh; (6) 8-14-5/10 ply tires, truck tires & wheels; lot of pl shares & coulters, poultry equip, cupboard w/glass knobs; cupboard w/2 btm drs & glass top dr; green jars w/zinc lids; crib; comfort & afghans, sausage stuffers; bench meat grinder w/motor, scalding trough; plus many articles not mentioned.

Auction Order: starting w/farm smalls, household items 10.30 am

TERMS - Cash or acceptable check Not responsible for accidents Refreshments

For Jacob & Lydia Nolt
ZETTLEMAYER AUCTION CO., Inc.
820 Nursery St. • Box 215 (610) 395-8084 Fax (610) 395-0227
Fogelsville, PA 18051-0215 "Proven Service Since 1955"
AU-001809-L

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated
every Sat. at 2:23 P.M.**ATTENTION Auctioneers**All sales register info needs complete address,
street, town, county & state.**PUBLIC SALE
OF BI-LEVEL HOME
SAT., JAN. 8, 2000
AT 1:00 P.M.**

Located 1 block off Yellow Hill Road at 1148 Poplar Drive in Brecknock Township, Lancaster County, PA. Directions from Bowmansville - take Maple Grove Road East, turn right onto Oaklyn Drive, go 1/2 mile turn left onto Yellow Hill Road, go past Lake in Wood Campground and turn left onto Poplar Drive #1148.

**3 BEDROOM BRICK &
VINYL SIDING BI-LEVEL**

situated on 3/4 acre wooded lot containing full bath, also 1/2 bath in laundry, modern kitchen, living room, family room in basement with 2-car garage, 10x20 storage shed, heated by coal stove in family room, also electric heating system. Well water, on-site sewer, a quiet lovely setting. To View Home call for an appointment 717-445-9881

Terms by:

RICHARD L. WISE and SUSAN J. WISE

LeRoy S Horst AU-000-436-L

Telephone 717-445-6181

Paul W Horst

SAT FEB 26 - Farm machinery, tractors and personal property 3208 Hossler Rd., Manheim From Mt Joy take Milton Grove Rd., N turn right Hossler Rd., 1st farm on left or from Manheim take W High St., turn right onto Hossler Rd., approx 6 miles to farm on right By P Mervin Myers Estate Kline, Kreider & Good aucts

MARCH 2000

WED, MAR 1 - David & Doris Heberlig, Newburg, Pa Farm Machinery Sale Managed By Kling's Auctions, Inc., Landisburg, PA 717-789-3883

WED, MAR 1 - 9AM Lumber & Building Supplies To be held at

Wolgemuth Auction, 109 N Maple Ave., Leola, Lanc Co., Pa 717-656-2947

WED, MAR 1 - 6:30PM Winross Hess, Farm Trac & toys To Be held at A&C Diffenbach Auction Inc, 100 W Jackson St., New Holland, Lanc Co., Pa 717-355-7253

THURS, MAR 2 - Farm machinery, tractors, trucks, Blue Knoll Farms, 4300 Lewisberry Rd., York, Pa Kline, Kreider, Good, aucts

THURS, MAR 2 - 9:30AM Full Line horse drawn farm machinery, team head of mules 1066 IT diesel tractor, 600 Gehl Harvester Terms by Benjamin & Linda Stoltzfus White Oak Rd., Georgetown, Lanc Co., Pa Steve Petersheim, auct

FRI MAR 3 - 10AM Paul Smuck-

er Mules, New Holland Sales Stables, 101 W Fulton St., New Holland, Pa

SAT MAR 4 - 8:30AM Bart Twp. Fire Co 11 Furnace Rd., Bart Pa 36th Annual Sale Local Auctioneers

SAT, MAR 4 - 9AM Farm Equip., Hay, Straw, HH Goods 141 Turtle Hill Rd., Leola, Lanc Co., Pa Edwin W & Katie Nolt Robert E Martin & Sons, Aucts 1717-656-7770

SAT, MAR 4 - 9AM Farm Equip., Tractors, Truck Lots Held at Ken Schaper, between Vineland and Bridgeton along (Route 56), Cumberland Co., NJ 609-455-1640

Lancaster Farming**Classified Ads**

Now searchable on the Internet.

Check Out
Our Web Sitewww.lancasterfarming.com**Public Auction
Surplus used furnishings
and equipment, at
Millersville University,
Millersville Lancaster Co. Pa.****Wed., January 5, 2000
9:00 A.M.**at The Roddy bldg. watch for directional signs off
Frederick Street.

Variety of desks, bookcases wood and metal, video cabinets, file cabinets vertical and lateral various sizes, lab cabinets, computer tables, numerous chairs & stools, computer carts, lab benches, 30 oak tablet chairs, 50+ units metal shelving, 10 sets of stairs, 250 metal frame wood seat & back tablet arm chairs, 100+ Howard metal bed frames, 9 royal-manual Hi-lo hospital beds, variety of tables, refrigerator, polygraph, also numerous items of value not mentioned.

All announcements at time of auction will supersede
any advance printed publications

Auction for:

Millersville University**Elmer Murry Auctions, Inc.**

-AU-648-L-

Professional Auctioneer, Appraiser and Advisor

Our Services Are Not a Sideline

(717) 626-2636 Fax (717) 627-6757

ADVANCE LARGE PUBLIC AUCTION

By Order of the United States Bankruptcy Court for the District of Maryland, will sell (3) Three Complete Bankruptcy Estate including S.M.K Automotive, Inc. & DBA All Tune & Lube of Frederick, MD-Roger Schlossberg, Trustee; B&M Distribution Corp. of Frederick, MD-Gary A. Rosen, Trustee & Steven Greenfeld, Trustee. Also, including selling for a Rental Company, Banks, Finance Companies, American Red Cross and Tractor & Equipment from two Wash. Co. Farms & Others. Located at the Cochran Auction Complex, 7704 Mapleville Road, Boonsboro, W.C., Maryland on:

SATURDAY, JANUARY 8, 2000 • 9:00 AM**TRACTORS, SKID LOADERS & RIDING LAWN MOWERS**

INT 66 Diesel Tractor, WFE, CASE 530 Tractor w/Loader; MF 165 Tractor w/Loader; PRAYTRAC 3604 Tractor, FORD 1710 Tractor-in New Condition w/FORD 930A Finishing Mower; Rare; ALLIS CHALMERS D40 Diesel Tractor, FORD 801 Diesel Tractor; JD LA Tractor for Parts or Restore; FORD/NH L 785 Diesel Skid Loader; NH L785 Diesel Skid Loader; NH L455 Diesel Skid Loader w/Bucket & Forks, NH L35 Gas Skid Loader, BOBCAT 743 Diesel Skid Loader-Not Running; CUB CADET HDS 2155 RLM-33 Hrs, (2) CASE 445 Big Wheel RLM; INT 782 RLM w/Blower; GRAVELY Commercial RLM-New (2) GRAVELY 5260 Walk Behind- (1) Like New; JD 317 RLM, JD 112 RLM, SIMPLICITY, CRAFTSMAN RLM, Snow Blower for WOODS, and Others Pieces.

FARM MACHINERY

FORD/NH Stackline 1003 Bale Wagon-Like New; NH 351 Grinder Mixer, NH 851 Round Baler; INT. 435 Square Baler w/Kicker, Large Round Bale Wagon on T/A Gear, MF 160 Manure Spreader-Exc Cond., NH 475 Manure Spreader-Good Cond., JD 46 Loader, Elevator; Bale Spear, (2) LELY Spreaders, CENTURY 500 Gal Spray Rig, JD 2-Bottom Plow, Disk, Blades, Box Scraper; DANUSER Post Hole Digger KELLY Log Splitter, Rotary Mowers, Sub Soiler, Stack Mover; and Other Farm Machinery

GARAGE & MISC. EQUIPMENT

HYSTER V30 Manlift; GSI 20 Manlift-Like New, IR 85 CFM Air Compressor w/Gas Engine; Forklifts; Pallet Jacks - (1) Electric, (3) FORWARD Mfg DP97 9,000 lb. Above Ground Lifts-Exc Cond.; ARCAN CEH-30 H D 3,000 lb Mobile Crane; RANGER H.D. 2-Stage Transmission Jack, (2) 2-Ton Capacity Transmission Jack; ROBINAIR 12134R Recycling Station, Acetylene Welding Set w/Cart; SAYLOR-BEALL VT-735-80 Shop Air Compressor, ATD 7209 1,000 lb. Engine Stand; TRADESMAN 8700 Parts Washer, ATD 7220A Hydraulic Press, ACCUTURN Brake Rotor Machine & Stand; Dock Plates, Ladders, Dollies; Advertising Signs; Drink Coolers; (16) Sections of Pallet Racking; Nice Lot of High Quality Office Furniture including 4 pc Wooden Executive Office Desk Unit; HEWLETT PACKARD Laser Jet 4 Printer & Key Board w/Mouse; HEWLETT PACKARD Pavilion 8485Z Computer, EPSON LQ-570+ Dot Matrix Printer; PACKARD BELL Screen; NEC Multi Sync LCD1500M Screen, Calculators; (3) SOUTHERN BELL Telecom Phones; Filing Cabinets; Office Chairs; Computer Stations; Plus Usual Large Run of New/Unused Office Furniture to be Sold Same Day!

(30) TRUCKS & CARS including 1997 FORD F150 4WD Pickup-Low Mileage; 1994 NISSAN Quest XE, 1991 FORD Bronco XLT 4WD; 1988 GMC 2500 SLX Sierra 4x4 Pickup w/Myers Snow Blade; 1987 FORD F150 w/Myers Snow Blade; NISSAN Pickup w/Cap; CHEVROLET Citation; HYUNDAI Excel, TOYOTA Camry; PLYMOUTH Colt; SUBARI GL; NISSAN Sentry SE; (2) FORD Taurus; FORD Escort; & Others.

Approx. (700) Cases of Juice & Drinks of All Kinds including Tropicana, Snapples, Gaterade, Perrier, Campbell, Splash, Twister & Others.

AUCTIONEER'S NOTE: A 4th Bankruptcy Estate may be added to this auction, this is only a partial listing! We will be selling with several auctioneers. Most everything is in excellent or very good condition. These companies were not in business very long! Inspection Friday, Jan. 7th from Noon to 4:00 P.M. or 2 Hours prior to sale. DON'T MISS THIS AUCTION!

AUCTIONEER:
James G CochranCLERK:
TE Bickle
(06-00)**Cochran****AUCTIONEERS & ASSOCIATES LTD.**

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PA Lic. #AS000832-L

THOMAS E.
BICKLE

Associate

**Wanted****"Antique Tractors"****For the "Spring" Whitley County Antique
Tractor Auction
March 23, 24 & 25, 2000**

Held at Columbia City, IN. We are expecting 350-400 antique tractors from JD, IH, OL, MH, Case, AC, & Ford being Parts tractors to show ready restored tractors. Along with 1,000's of misc. parts and antique farm equipment, Hit & Miss engs., & Pedal Tractors. Come enjoy the weekend with us at Columbia City, IN.

**Call: Chris or Beth now to consign
your items 219-723-4378****Fax 219-
723-4943****Auction KING Service
P.O. Box 522
South Whitley, IN 46787
IN Lic. AU08800591****PUBLIC AUCTION****Thurs., Jan. 6, 2000****Mules, Milking & Farm
Equipment, Blacksmith Tools &
Supplies, Welding Supplies**

Location: Route 23 in Leola take 772 South to West Eby Rd.

turn right go 1 mile to sale on left.

9 Hd. Mules 9 Hd.Bert
Connie

Pair 5 & 6 Yr. Old Blond Molly Mules Broke to all Farm Machinery with a lot of snap.

Jack
Jewel

8 Yr Olds Broke for anybody to work anywhere

Kate - 9 yr. old Blond Molly works anywhere

5 yr. old Big Jack Mule works in jockey stick with a lot of snap.

Smooth mouth Molly Mule works anywhere. These mules have size and ready for work.

Horse Related Items

8 Set Front Gears, 8 Bridles, 10 Collars, Check Lines, Jockey Sticks, 1, 2, 3, 4, 5 & 6 Horse Hitches, 6 Set Rope and Pulleys for Tandem Hitch.

Milking Equipment

3 Cylinder 1531 Ester Pette Diesel (good condition)

M.P. 80 Vacuum Pump, 3 Westfalia Bio Milkers, Sputnik, Twin Tubs, Bender Washer.

Farm Equipment

456 New Holland Mower, New Idea Crimper with Smucker Rolls & Hydraulic Cylinder, Nickelson Tedder

New Holland 311 Baler with 2 Cylinder Wisconsin Engine (rebuilt 2 yrs. ago)

28 ft. Zimmerman Elevator with Hydraulic Motor and Hoses (good condition), 3 - 16 ft Flat Wagons 1 with Corn Chute and Side Boards (good condition), 20 ft Single Chain Hay Elevator with Hydraulic Motor, 323 New Idea 1 Row Corn Picker (good condition).

1 Row McCormick Deering Corn Binder with Swaging Long Elevator (used 1 season since rebuilt), Gehl 600 Harvester with table and 540 pto (good condition)

White Horse 2 Bottom Hydraulic Reset Plow (12 in Bottom), New Idea 12A Manure Spreader (good condition), E.L.S. Liquid Manure Spreader, Auto Turn Fore Cart, 3 Section Springtooth Harrow (good condition), Wiard 106 Walking Plow, 12 ft. Weeder, 2 - 10 ft. Cultpackers, 24 K B A. Disc. VH4D Wisconsin Engine with Clutch (good condition), Hydraulic Unit with 8 H.P. Honda Engine, McCormick Deering 1 Row Cultivator, New Idea Transplanter, Field Sprayer with Pump and Engine, Fore Cart, Dirt Scoop, 2 - Gravity Bins on Gears (good condition), 3000 Tobacco Lath, 200 Gal Fuel Tank with Pump, Pr. McCormick Picker Parts, 150 Gal. Fuel Tank with Pump.

Welding Supplies & Misc. Shop Tools

Bamfords 10 H.P. Diesel (good condition)

5 H.P. Curtis Air Compressor, Atlas Metal Band Saw, Rockwell Drill Press, Acetylene Torch on Cart, 2 Ton Engine Lift Crane, 2 - Fans with Air Motors, Pressure Washer with 5 H.P. Honda Engine, Old Cider Press, Spiner Seeder with 12 Volt Motor, Stewart Air Clippers (like new) Hand Shear, Lots and Lots of Misc. Tools.

Also Selling For David & Lydia Petersheim**Blacksmith Tools & Supplies**

6 H.P. Bamford Diesel, Arbor Press, 500 lb. Fairbank Platform Scales, Forge with Blower, 2 Anvils, Anvil Cutter, Acetylene Torch on Cart, Tounges, Punches, Press, Wooden Saddle Buch, Press, Hay Hook, Straw Knife, 2-Man Saw, Beam Scales, Scythe, Draw Knife, Warm Morning Stove (good condition), Potbelly Stove, many more items, too numerous to mention.

Terms by

Christ S. & Katie A. Petersheim
2650 West Eby Rd., Bird-in-Hand, Pa. 17505

Cash or Honorable Pa. Check Only

All Announcements Sale Day Take Precedence Over All Advertising

Not Responsible for Accidents Food on Premises

Auctioneer: Mel Hoover AU-003111-L

717-354-8397 Home or 717-354-6431 Barn



Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

SAT, MAR 4 - 9:30AM JD Tractors, Full line of farm equipment Frey Bros 3266 Maytown Rd., Marietta, Pa John D Stauffer, Auctioneers

SAT MAR 4 - 9:30AM For John & Elsie Smoker, full line of farm

machinery including JD 3020 dsl, JD 1010 gas w/dr Atglen, Chester Co., Pa Steve Petersheim, Auct 610-593-2828

TUES, MAR 7 - Fat Cattle Sale, Carlisle Livestock Market, Inc 548 Alexander Spring Road, Carlisle, PA

TUES, MAR 7 - 7:45PM Feeder Cattle Sale Carlisle Livestock Market, Inc 548 Alexander Spring Rd., Carlisle, PA

FRI, MAR 10 - 9AM Tractors, Farm Eq & Supplies To Be held

at A&C Diefenbach Auction Inc, 100 W Jackson St, New Holland, Pa 171-355-7253

FRI MAR 10 - 10AM Dorman Complete Farm Retirement Dispersal 3 Tractors, full line modern arm machinery, dairy equipment, etc Lamar, PA Conducted by Fraley Auction Co (570) 546-3907

FRI, FEB 10 - 1PM State Graded Feeder Pig Sales Carlisle Livestock Market, Inc 548 Alexander Spring Road, Carlisle, Pa

Lancaster Farming, Saturday, January 1, 2000-B31

WED MAR 15 & THURS, MAR 16 - 8:30AM Wed Lawn & Garden Tractors misc items Thurs misc items, tires, posts, etc Farm Equip & tractors 6 miles S of Chambersburg, Pa 1 mi E of Marion just E off I-81 at Marion along Rt 914 Marion Auction Service

THURS MAR 16 - Farm Machinery tractors for John C & Alta Wolt 520 W Lexington Rd., Lititz

PA Kline, Kreider & Good Auctions
FRI MAR 17 - 10AM Horse Sale, New Holland Sales Stables 101 N Fulton St., New Holland, Pa
SAT MAR 18 - 8:30 AM Fraley's All Day Annual Farmers Consignment Sale at our farm 3 miles E of Muncy, PA Conducted by Fraley Auction Co (570) 546 6907
SAT MAR 18 37th Annual Sale Kempton Community Center Kempton, Pa

Liberty Fire Company New Holland Farm Toy & Truck Show

Sat. January 8, 2000

Toy Show Opens -
8:30 A.M. - 2:30 PM

Admission \$3.00

Senior Citizens \$2.00

Children 12 And Under Free

Floor Rights - \$10.00

For Information and Table Rentals Contact:

Irvin Martin, Show Manager

1035 W. Maint St., New Holland, PA 17557

Phone: (717) 656-6621

12 Miles East Of Lancaster, PA. On Rt. 23

12 Miles From The Turnpike - Exits 22 Or 23

Food Served By The Ladies Auxiliary

\$1.00 Off Admission With This Ad

PUBLIC AUCTION

Saturday, January 22, 2000 @ 9:00 AM

Edgewater Farms, Inc. is discontinuing their farming operation and will sell a complete line of Tractors, Trucks, Combine, Irrigation, Tillage, Potato, Packing House and Shop Equipment.

Location: 2487 Bayside Drive, Dover, DE

When traveling from the north go south on US Rt. 13 to Rt. 8, turn east on Rt. 8 go to dead end, turn south on Rt. 9 (Bayside Drive) Sale is approximately 1-1/2 miles on the right. When traveling from the south, go north on Rt. 113 bare off to the right on Rt. 9 just south of Dover AFB, sale is approximately 2-1/2 miles on the left. Sign Posted **Tractors:** Steiger Cougar ST251 w/3 outlets & 3 ph/Steiger Cougar ST251 w/front blade and 4 outlets; JD 7800 MFWD (3683 hrs) w/18 4x38 axle duals & powershift, JD 4555 MFWD (4747 hrs) w/18.4x 42 axleduals & powershift, JD4450 MFWD w/18.4x38 axleduals & powershift, JD 4020 side console (7693 hrs.); 2 - JD 4020's, Case 580B backhoe

Combine: JD 8820 Turbo w/4wd (490 hrs. on rebuilt motor) w/224 flexhead; JD 643 low-tin oil-bath corn head.

Trucks: 1975 Ford Louisville 900 w/534 gas 10 speed roadranger w/21 ft meadows dump body w/5 ft. sides (tagged #FT681); 1980 IH 10-wheeler w/DT466, 10 speed roadranger S series, 22 ft. Ziggy bulkbody, 20 ft. x 5 ft grain body, 1980 IH cargo 1950 w/466DT automatic w/aux. Trans, 10-wheeler (tagged #FT3402), 22ft Ziggy bulkbody, 20 ft. x 5 ft. grain body; 1978 IH 2300 series w/DT466, auto. w/aux./trans., 10-wheeler (tagged #FT383), 22 ft Ziggy bulkbody 22 ft. x 5 ft. grain body; 1976 Ford 9000 Louisville w/250 Cummins 8-speed roadranger w/aux. trans. 10-wheeler, 22 ft. Ziggy bulkbody; 1980 IH w/466DT 5-speed w/aux trans. 6-wheeler (tagged #FT297), 20 ft. Ziggy bulkbody; 1974 IH 1910B w/5x2 trans., 10-wheeler, 18 ft. Ziggy bulkbody; 1971 Ford 750 gas w/5-speed w/aux. trans. 6-wheeler, 20 ft. Ziggy bulkbody; 1971 Ford 800 Louisville 391 gas w/5-speed w/aux. trans., 10-wheeler, 20 ft. Ziggy bulkbody; 1977 GMC 6500 5-speed w/aux. trans. 18 ft. Ziggy bulkbody; 1970 Ford F-750 5-speed w/aux. trans., 18 ft Ziggy bulkbody; 1970 C-60 5-speed w/aux. trans. 6-wheeler, 16 ft. Ziggy bulkbody, 1977 GMC 6500 w/427 gas 5x2 trans. 16 ft. dump body (tagged #FT5454); 1975 IH Loadstar 1600 w/5x2 trans. 16 ft. dump body; 1974 GMC gas dirt dump truck; 1979 GMC Brigadier 238 Detroit 10-speed Roadranger; 1975 Ford Louisville 800 (parts); 1974 Chevy Step Van w/350 auto (tagged #FT899); 1990 Chevy 1500 Short-body Ext cab, 4WD pickup (tagged #FT199); 1988 Ford 350 Crew Cab Pickup (tagged #FT1500), 45 ft. Fruehauf trailer w/thermo-king unit (no title); trailer dolly. **(NOTE: Trucks & Bodies sold separately unless truck has a dump.)**

Tillage & Grain: 24 ft. Great Plains solidstand 2410 no-till drill (4474 acres); JD 7000 12 x30" planter front-fold no-till w/liquid fert. Monitor & row cleaners; Krause model 1950 30 ft. disc w/buster bar; Krause model 4300 22 ft. chisel plow w/buster bar; 33 ft. Unverferth Rolling Harrow II (nice); 24 ft. Unverferth Rolling Harrow II; JD 23 ft. 1010 flat-fold field cultivator; Brillion 24 ft. solidwheel packer; JD 1210A grain cart; JD model 845 12 row x 30" S-tyne cultivators; JD 910 7 shank V-ripper w/spring reset; JD model 4600 rollover 5x18" plow w/extra bottom; JD model 450 6x16" semi-mount plow; JD model 400 15 ft. Rotary-Hoe; IH model 475 13 ft. disc; 14 ft Brillion Solid-wheel packer w/hydraulic transport; 2) 12 ft. Brillion Crows foot packers w/end transport; Roanoke model G-195 Bush-ax; Rhino 15 ft. Batwing mower; Ferguson 3ph PTO Ditcher; John Blue 500 gal. Double piston sprayer w/40 ft. booms; 1600 gal. poly. Nurse tank; Ezee flow 3ph. spinner; 2) IH 2 sec. drag harrows; 2) flat wagons; JD running gear (header cart); Holland 1 row transplanter; John Blue 250 gal. each saddle tanks w/John Blue squeeze pump.

Irrigation: Hobbs model 2400L hardhose traveling gun w/1200 ft. x 4" hose w/turban; Long model 1576 hardhose traveling gun w/1200 ft. x 4" hose w/Wisconsin motor; Long model 1560 hardhose traveling gun w/1200 ft. x 4" hose w/B&S 5.5 hp motor; Deutz 140 hp air-cooled irrigation motor w/6x6 Hale pump elec. primer; Deutz air-cooled 101 hp irrigation motor w/6x6 Hale pump elec. primer; Deutz air-cooled irrigation motor w/6x6 Marlow pump; Detroit 471 irrigation motor w/8x8 Gorm & Rump pump self-contained w/trailer & fuel tank; Detroit 471 irrigation motor w/8x8 Gorm & Rump pump; Marlow 6x6 PTO Pressure Pump; Deutz 2 cylinder model F2L1011 12 k.w. generator; 265 +/- 6"x40 ft. Wosco irrigation pipe w/weld on couplers; 8"x40 ft. suction line; 6"x40 ft. suction line; Valves, Elbows, plugs, reducers

couplers and T's, 2) Pipe carts, Pipe wagon

Potato Equipment: Double L model 850 2-row potato harvester (used 3 seasons); Lockwood model 4500 2-row potato harvester, Homebuilt 2-row windrower (built from mark 6 harvester), 2) Lockwood model 423 4-row potato planter w/dry fertilizer, Better-Built 2-3-4-6 cut seed cutter, Seed duster, 3) Haines bulkseed units, KMC 4-row 3ph hiller w/s-tyne cult on the front hillers on back, KMC 2-row 3ph hiller w/s-tyne on front hillers on back, Harrison 4-row 3ph hiller w/s-tyne on the front hillers on the back w/wceder 3) JD AT40 front mount cult, 7 ft land roller, 12 ft gandy applicator, Misc Lockwood Planter & Harvester parts

Packing House Equipment: Weigh-O-Matic (kipers) 20 head bagger, Weigh-O-Matic (baker) 14 head bagger, Weigh-O-Matic (filter) 10 head bagger, 2) Walthambury 50 lb auto-bagger; Hamer 50 lb auto-bagger; Weigh-O-Matic 204 000 4head 50 lb bagger, 3) Fishbeian series 10 300 bag sewing stands, Newlong 10 300 bag sewing stand, 2) Newlong handheld sewing machines, 3) Fishbeian handheld sewing machines, Fishbeian series 1000 sewing head, 7) bag stands, 2) Weigh-O-Matic 6 ft L belt; Haines 6 ft L Belt, Haines 6 ft round table, Weigh-O-Matic 4-1/2 ft round table; Haines bulk tank, 4) dock plates (54, 56, 64 & 84"); Pallets, Packing house parts, 68,900 +/- 5 lb. American Pride Bags; Platform scales

Packing Line & Conveyors: Hallock 35 ft x 8" Flume; 24" Haines Washer, 26" Haines roller pick-out table; 7 ft. x 16" Haines belt conveyor; 17-1/2 ft x 28" Haines chain conveyor; 12 ft x 28" Haines chain conveyor, 5-1/2 ft x 48" Better Built starsizer, 9 ft. x 48" Haines Potatowasher, 5 ft. x 12" Haines conveyor; 11 ft x 48" Haines pick-out table; 10 ft x 8" Haines belt conveyor; 48"x48" Better-Built starchef sizer, 22 ft. x 42" Haines Distribution table, 6-1/2 ft x 16" Haines flat belt conveyor, 27 ft. x 16" Haines flat belt conveyor, Haines 72" Bulk Potato Bucker; 20 ft x 12" Haines belt conveyor, 2) Hallock 24 ft x 16" chain conveyors, Haines 26 ft x 16" belt conveyor; Haines 36 ft x 15" trash conveyor, Haines 13 ft x 14" B belt conveyor, Haines 30 ft x 12" overhang belt conveyor, Haines 20 ft x18" chain conveyor w/4 ft unwind, Haines 7 ft x 3 ft conveyor

Forklifts: Clark IT40 Propane forklift w/pneumatic tires (4000 lb), Clark C-30 Propane forklift w/hard tire (3000 lb), Nissan 3000 electric forklift w/charger, Hyd Pallet jack

Shop & Misc. Equipment: 3) 1,000 gal fuel tanks w/electric pumps; 275 gal 12 volt fuel tank on trailer, 120 gal. fuel tank w/hand pump, 120 gal. L-shaped fuel tank; Lincoln 8hp Gas powered welder-Generator; Century Welder, Emglo 5 hp. Gas air compressor; 3 ton Engine hoist, 20 ton hyd. Press, Drill press, Parts washer, Transmission jack; Floor jack; 2) sets of torches; Quickhitch, 20 series weights & brackets; Suitcase weights; Pallet racking; Welding table; Vise; Chains; Chain tighteners; Desk; some labor camp furniture; motors; and too many items too numerous to mention

Terms: Cash or Approved Checks day of sale w/current letter of credit from your bank guaranteeing funds unless known by auctioneer or Owner.

OWNERS

Edgewater Farms, Inc.

Richard Bergold, Pres.

Auctioneer:

Sam Walters, III

(302) 284-4619

Fax (302) 284-1415

Not responsible for Accidents

Lunch Served

Note: Packing House & Grading Line to be Sold at Approximately 1:30pm, will start at 9:00am on Shop & Misc. Items.

Farm Credit is offering special loan rates for Delmarva Farmers. Please call your local Farm Credit representative today to be pre-approved. Letter of credit will be required and must be obtained prior to Friday, January 21, 2000.

Delmarva Farm Credit (302) 734-7534 or (302) 856-9081

Marva Farm Credit (410) 742-7273

or (410) 957-1181 or (410) 641-1662

Chesapeake Farm Credit (800) 573-3028

PUBLIC AUCTION

Thurs., Jan. 27, 2000

9:00 A.M.

9:00 A.M.

Horses,

Milking and Farm Equipment

Directions: From Gap take 30 West to Slaymaker Hill Rd., turn right to sale on right, or from Lancaster take 30 East to Slaymaker Hill Rd., turn left to sale on right, next to (Patriot Home Sale).

5 Hd. Horses 5 Hd.

Beagle - 13 yr old lead horse

Bob - 8 yr. old off side & jockey

Betsy - 8 yr. old mare works anywhere

Butch - } 7 yr. old Team of sorrels broke to work
Betty } 8 yr. old anywhere, top team

Horse Related Items

6 Sets Front Gears, 10 Collars, 6 Bridles, 3 Sets Rope & Pulley for Tandem Hitch, 2, 3, 4 & 6 Horse Hitches.

Milking Equipment

275 Gal. Fuel Tank, 600 Gal. Jamesway Milk Tank, 4 DeLaval Milker Units with Big Buckets, 1 Extra Bucket, 2 Milk Strainers, 2 Carrying Pails, 76 Vacuum Pump, 3 hp Cooling Compressor, Line Shaft & Pulleys, Twin Tubs

Farm Equipment

450 Farmall Tractor on steel (gas), New Holland 273 - 276 - 311 Balers, rebuilt ready to go, New Holland 315 Baler with Engine Mount, New Holland 456 Mower with Wisconsin VH4D Engine & Hydraulics, N.I. 251 Crimper, J.D. 640 Rol-a-bar Raker, Pequea Rake with Honda Engine (like new), N.I. Side Delivery Rake, Hay Tedder, 3 - 16 ft. Farm-Bilt Flat Wagons, 1 Oliver Wagon Gear, 36 ft. N.H. Elevator with Corn Chute & Hydraulic Motor & Hoses, 840 Brady 3 Row Stalk Chopper with 4 Cylinder 65 H.P. Wisconsin Engine, J.D. 999 Corn Planter with plateless Units, Field Sprayer with 5 H.P. Honda Engine, N.H. 202 Manure Spreader, E.L.S. Manure Pump, E.L.S. 675 Gal. Liquid Spreader, McCormick Deering 2 Way Plow, Oliver 2 Bottom 14" Trailer Plow, 8 ft. Cultipacker, 8 ft. Land Roller, 3 Section 12 ft. J.D. Harrow, 24 K.B.A. John Deere Disc. 10 ft. Roller Harrow Combination, Bin Wagon on gear, 2 Row I. & J. Cultivator, J.D. One Horse Corn Binder, 2 Fore Carts with Auto Turn, 2 Fore Carts, 20 ft. Feeder Rack on Wheels, 55 Gal. Drums, 11 H.P. Wisconsin Engine, 8 H.P. Wisconsin Engine (new), Baler Twine, Misc. Small Items.

Also Selling For John & Barbie Blank

Gehl 600 Harvester with Long Table and Gandy Applicator, John Deere 530 Tractor on Steel. **John Blue 2 Way Plow, 10' x 4' x 4' 1/2' Disc Plow, Chisel Plow with 2 Teeth & 12 Volt Hydraulic Pump, Vicon Fertilizer Spreader, I. & J. Four Star Hay Tedder used 2 years, I. & J. Tandem Axle Corn Binder Field Ready - like new, 8 ft. John Deere Transport Disc - good condition, 16 ft. Flat Wagon (Zook gear), 16 ft. Flat Wagon (Farm Bilt gear), 10 ft. Cultipacker, 8 ft. Cultimulcher, 12 ft. Weed-er, 10A Manure Spreader, Saw Buck, Lombardina Diesel with Rockford Clutch 45 H.P., 120 H.P. 471 Detroit Diesel with Clutch, 150 Amp Lincoln Welder with Kohler Engine, John Deere Crimper, 5 ft. Bush Hog Mower, 3 Minnich Tobacco Presses, 5000 Tobacco Lath, numerous Small Items.**

Auctioneer's Note: This is a line of farm machinery that is in good condition and ready for the field. If you need equipment, don't miss this sale.

Terms by

John J. & Lydia Beiler (J.B.)

41 Slaymaker Hill Rd.

Kinzer, Pa. 17535

Cash or Honorable Pa. Check Only
All Announcements Sale Day Take Precedence Over All
Advertising

Not Responsible for Accidents Food on Premises

Auctioneer: Mel Hoover AU-003111-L

717-354-8397 Home or 717-354-6431 Barn

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

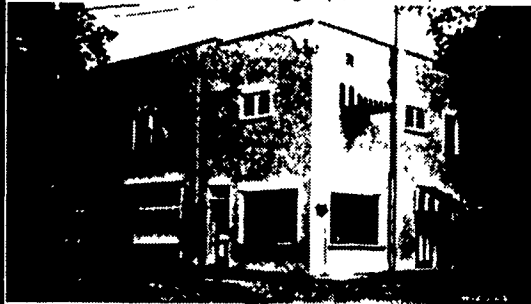
Internet Sale Register will be updated
every Sat. at 2:23 P.M.**ATTENTION Auctioneers**All sales register info needs complete address,
street, town, county & state.SAT MAR 18 - 8:30AM - Horse
10AM Mel's Stables, 834 Wallace
Rd., New Holland, PA Mel
Hoover, AuctioneerSAT MAR 18 - 8:30AM Bart
Twp Fire Co 11 Furnace Rd.,
Bart, Pa 11 Annual Building
material Local AuctioneersSAT MAR 18 - 8:30AM Farm
Equip., Collectibles at 5500 Mt
Pisgah Rd., York, York Co., PA
Mr/Mrs Richard Stauffer &
Mr/Mrs R Eugene Stauffer
Foreman & Brenneman, Aucts
717-741-1728SAT MAR 18 - 9AM Furniture,
antiques, personal property, lawn
& garden equip, tools, Elizabeth
Breneman, 1 Newswanger Rd.,
Lancaster, Pa John D Stauffer,
AuctsSAT MAR 18 - 9AM Garage
Tools & Supplies 927 North Rail-
road Ave., New Holland, Lanc
Co., PA Mary E High, Edwin N
High, deceased Robert E martin
& Sons 717-656-7770SAT MAR 18 - 9AM Real
Estate, Personal Property, 4125
Wilshire Drive, York, Pa For
Kathryn R Grim Witman Auc-
tioneers, Inc.SAT MAR 18 - 9AM York Co 4-
H Farm Consignment Sale 1771
Stoverstown Rd York Pa Ster-
mer Auctioneering ServiceSAT MAR 18 - 11AM For
Casey Systems, 151 Holland
Rd., Sussex, NJ. Farm machi-
nery auction Col F R Daniel
Aucts, Inc 908-369-4784MON MAR 20 - 9AM Tractors,
trucks & farm equip, at 499 Fish &
Game Rd., East Berlin, Pa for
Mildren Sauble by Blaine Rentzel
Auction Service 717-764-6412TUES MAR 21 - 9AM Quilt,
Craft & Buggy To Be held at A&C
Diffenbach Auction Inc, 100 W
Jackson St., New Holland, Lanc
Co., Pa 717-355-7253TUES MAR 21 - Fat Cattle
Sale, Carlisle Livestock Market,
Inc, 548 Alexander Spring Road,
Carlisle, PATUES MAR 21 - 7:45PM Feed-
er Cattle Sale Carlisle Livestock
Market, Inc 548 Alexander
Spring Rd., Carlisle, PAWED MAR 22 - 9AM Farm
Equip., Tractors, Truck Lots To
be held at Wolgemuth Auction,
109 N Maple Ave., Leola, Lanc
Co., Pa 717-656-2947WED MAR 22 - 9 AM Quilt &
Craft To Be held at A&C Diffen-
bach Auction Inc, 100 W Jack-
son St., New Holland, Lanc Co.,
Pa 717-355-7253THURS MAR 23 - Farm mach &
tractors, beef cows 321 E
Petersburg Rd., Neffsville, Galen
Hoover, Elizabeth Hoover Kline,
Kreider & Good, auctsTHURS MAR 23 - 10AM 34
Koenig Rd., Bernville, Berks Co.,
Pa Farm Equip, JD Tractors,
Combine & Harvester Sale for
Lavern Koenig Les Longeneck-
er, AuctFRI MAR 24 - 10AM Farm
Machinery, 3 Tractors, 986 Int
Diesel Jacob K & Katie Lantz
875 Morgantown Rd., Honey
Brook, PA Steve Petersheim
AuctFRI MAR 24 - 1PM State Grad-
ed Feeder Pig Sales Carlisle
Livestock Market Inc 548
Alexander Spring Road, Carlisle
PaTHURS MAR 24, FRI MAR
25 & SAT MAR 25 Consig-
ment Antique Tractor Sale
Columbia City, IN King Auction
Service 219-723-4378SAT MAR 25 - 531 Panorama
Drive, Denver Industrial Trac-
tors, Equipment, Tools & Person-
al Property Terms by A Stanley
& Barbara A Burkhardt Kline,
Kreider & Good AuctsMON MAR 27 - 10:30AM For
Kanach Bros, Rt 514 Reaville,
NJ Farm Machinery Auction
Col F R Daniel Auctioneers, Inc
908-369-4784WED MAR 29 - 10AM Acker
Complete Farm Retirement Dis-
persal, 3 Tractors, full line
machinery, 85 Dairy Cattle, etc
Jasper, NY Conducted by Fraley
Auction Co (570) 546-6907**APRIL 2000**SAT APR 1 - Kling's Annual
Beef Cattle & Farm Machinery
Consignment Sale, Landisburg,
PA - Sale Managed By Kling's
Auctions, Inc., Landisburg, Pa
717-789-3883SAT APR 1 - 8:30AM - Horse
10AM Mel's Stables, 834 Wallace
Rd., New Holland, PA Mel
Hoover, AuctioneerSAT APR 1 - Marshall Machi-
nery, Inc, RR 4 Box 630, Route
652, Honesdale, Pa 18431 570-
729-7117**FARM EQUIPMENT AUCTION
FRIDAY, JAN. 14, 2000
9:00 AM****LOCATED AT A&C DIFFENBACH AUCTION INC.,
100 W. JACKSON ST., NEW HOLLAND, PA****TRACTORS:** JD 2555 Trac, IH 274 Diesel, IH Cub Lo
Boy/Belly Mower & Loader; Ford 3400 w/Loader
(Gas), JD 6400 4WD, NH L555 Skid Loader; Case
1840 Skid Loader 1800 Hrs, Volvo F613 w/Portable
Hammermill, 1989 Ford F450 Super Duty Diesel
Truck, 5 Speed 17' Alum Roll Back, and Many More
Not Mentioned.**FARM EQUIPMENT:** JD 3 BT Rollover Plow, IH 10'
Pull Type Spring Chisel Plow, Brady 3 pt. 10' Spring
Chisel Plow; White 14' Disc, Oliver 11' Disc; JD 13'
BWF Disc, Farmhand 817 Grinder Mixer; JD 7000 4R
Planter, IH 56 4R Planter; JD 1240 4R Planter; NI
206 Spreader; NH Ground Drive Spreader, NH 680
Manure Spreader; IH 45 18' Field Cult, IH 800 4R
Planter w/Dry Fert; JD 3BT Pull Type Plow; Noble 4R
S Time Cult; Oliver 548 4BT Spring Reset Plow; White
255 Disc; JD 700 Grinder Mixer; IH 510 4BT Trp Plow;
NH 357 Grinder Mixer; JD 7000 Lq. 4R Corn Planter;
JD KBA Disc; Gravity Bin Wagons; Smucker 900 Gal.
Big M Spreader; Scavenger II 315M Spreader; NH
718 Harvester; NI 323 Corn Picker, NH 326 Baler;
Miller Big Blue 251D DC Welding Generator (diesel);
NH 56 Rake; IH 510 16 Disc Drill w/Seeder; JD 8300
Grain Drill 21x7; Ford 3 BT 3 PT Spring Chisel Plow;
JD 660 M. Spreader; NH 275 Baler; Owatonna 450
Grinder Mixer; NI 361 M. Spreader w/Top Beater; NH
519 M. Spreader; NH 353 Grinder Mixer; A.C. 18'
Field Cult; Artsway 320 Grinder Mixer, JD 6' Pull Type
Rotary Mower; 1500 Gal Slurry Buggy w/Injectors;
and Many More Items Not Mentioned**CONSTRUCTION & CONTRACTOR EQUIPMENT:**
1978 Ford 8000 Dump Truck w/Cat Diesel (31000
GVW); 1990 Hudson Tri Axle Trailer (23,000 GVW);
E-Z Lift 26' Conveyor; Small Macadam Roller; 8'
Paver w/Wisc Engine; Mud Buggy w/ Wisc. Engine;
Ditchwitch 1020 Trencher, and Many More Items Not
Mentioned**THERE WILL BE AN ABSOLUTE SALE ROW OF
EQUIPMENT SOLD AT APPROX. 1:00 PM****ALL ADVERTISED ITEMS SUBJECT TO PRIOR SALE.****SOME EQUIPMENT SOLD DAILY.****RECEIVING DAYS - MONDAY THRU THURSDAY,****JAN. 10TH THRU 13TH - 7:00 AM TO 5:00 PM****NO SMALL ITEMS RECEIVED ON FRIDAY.****SALE ORDER****9:00 AM - SALE STARTS****9:30 AM - LARGE EQUIPMENT****12 NOON - FARM TRACTORS****AFTER TRACTORS - CONSTRUCTION & CONTRAC-
TOR EQUIPMENT****12:30 PM - LAWN & GARDEN EQUIPMENT****APPROX. 1:00 PM - ABSOLUTE ROW OF EQUIP.****A & C DIFFENBACH AUCTION INC**

100 W Jackson St., PO Box 186, New Holland, PA 17557

Phone (717) 355-7253

Fax (717) 355-9547

Alan Diffenbach Auct - AU2258-L

**Notice!!!
Farm Show
Schedule**Auctioneers...Please Mail or Fax
Public Sale Copy Early!**DEADLINE****FARM SHOW - Mon., Jan. 3, 2000 12 Noon**
Fax No. (717) 733-6058**PUBLIC
AUCTION****OF VALUABLE REAL ESTATE,
At 11:00 A.M.****HOUSEHOLD GOODS, STAMPS,
COINS, GUNS & TOOLS****SAT., JAN. 22, 2000****At 9:00 A.M. Guns, Coins & Stamps at 1:00 P.M.**Located at 2000 Beaver Valley Pike (Rt. 222) & corner of Main St.,
New Providence, Strasburg Twp., Lanc Co., PA**1.5 ACRES w/STREAM
Zoned Rural**32'x48 two story concrete block & stucco building w/two 8'x10'
overhead doors, elect opener, work space & office furnace room
w/ oil fired hot water heat, elect water heater, laundry room, two
inside 275 gal oil tanks2nd floor apt Eat-in kitchen w/built-in cabinets, dining room, liv-
ing room, 3 bedrooms w/ closets, full bath w/closet, hardwood
floor throughoutOpen for inspection Sats, Jan 1 & 8 from 2:00 till 4:00 PM or for
appointment call 786-2283 10% down day of sale, balance on or
before March 22, 2000**Auct's. Note:** New rubber roof, replacement windows, new septic
system. All underground gas tanks removed**ATTN: Furniture & Appliances
Sold First at 9:00 A.M.****Terms by S. Charles & Gladys W. Eshelman****Aucts**
Robert E., Jeffrey R & Michael L. Martin, 656-7770 AU000580L

Randall L. Ranck

Harry Yost, Atty

No Out of State Checks Lunch Available

**Public Auction
Saturday, Jan. 8th at 9:00 AM
Large Country Store Auction
Including Advertising, Showcases,
Coca-Cola Items and 100's of Smalls**We are proud to have been commissioned to dispose of a Country
Store and Advertising Museum from Western Pennsylvania.

We hope you can join us for a stroll back through time.

Tin and Porcelain Signs: Double sided 1958 B.F. Goodrich (mint),
Hershey's Ice Cream, Star Tobacco, Mission Beverages, Gobel's Meats,
Vernor's Drinks, Butter-nut Bread, FRO-Joy Ice Cream, Dr. Swett's Root
Beer, Spartan Quality Feeds, Dad's Root Beer (mint), Kist Beverages,
Mount Kineo Drinks, Quaker State Oil, Champion Spark Plug - No
Smoking from Pocono Raceway plus many more.Showcases & Counters: Tall oak sheet music cabinet, Koester's bread
case, 5 small table top cases, sm. Clark's thread case, Glossilla rope case,
Oak tabletop case (70x28x15), Oak & German Silver Tabletop case
(100x27x13), Oak floor model case (121x27x34 w/solid bottom), lg. oak
floor model case (165x27x42 solid bottom/glass slide doors/column
front), oak floor model (120x26x42 w/mirror backed slide doors), One of
a Kind Twin Cathedral German Silver Table showcase (72x27x41 w/mir-
ror back doors), Oak Pigeon hole Post Office (51-1/2x43), Country Store
file/46 drawer cabinet (44x52x17), Country Store file 32 drawer counter
(68x24x32), two painted country counters (120x28x34 and 78x25x31),
natural wood counter (60x22x35), oak country counter (65x24x39), two
counter tables (85x31x30 and 72x27x21).Other Country Store items: metal Fort Pitt lighted sign, Geyer Farm &
Garden Tool display, two wood benches (one with back), tiger maple
Sheraton style foot stool, wood wagon "Roller Bearing Coaster", early
wood cash registers, Civil War period inlaid folk art memory box w/tin
type photos on inside of lid (great box), "Eva" cast iron toy stove w/uten-
sils, Structo toy truck w/crank hoist, press metal tractor, Early Rare
Druggist watch fob, advertising fans, vintage gumball machines,
"Kellogg" oak wall phone, vintage stamp machines, folk art Uncle Sam
holding 45 star flag (57" tall), turn of century country store flag holder,
Enterprise coffee mill w/eagle on top, "Willimantic" 4 drawer spool cabi-
net, country store screen door, soda fountain with double spigots and 7
porcelain topping dispensers, paper maché "Safe-T-Cup" Ice Cream Cone
(24" tall), Zanibar-brand pepper tin, lightning rod with glass ball & direc-
tion arrow, two Hershey 5¢ candy dispensers (33" tall), rare 17" flow blue
pedestal bowl by Villeroy & Boch, Germany, "Exide" octagon clock, two
large metal bulk coffee tins, black & white "Advance" lunchette w/2
porcelain warmers, Holsum Bread paper bag holder, Black Diamond Adv.
Case, numerous biscuit boxes with glass & metal tops, Squirrel windmill
weight, Climax tobacco cutter, large canvas signs including Prince Albert,
Chesterfield and Wolf's Head Oil, two tier paper cutter w/string attach-
ment, plus hundreds of country store advertising tins, cans and jars from
tobacco, medical, personal hygiene, and food items.Coca-Cola Items: Early 30" oval thermometer, Rare 1903 5¢ bookmark,
Phila. (near mint), wood & tin carriers, plastic Coke bottle door handle,
small tin "Line Mar Toys" Coke truck, 1935 aluminum bowl w/3 Coke
bottle legs by Brunhoff Mfg. Co., and many more items not mentioned.
This is a Sale you don't want to miss.Auction to be held at Fenton & Fleck Auction House located on
Route 11/15, just 6 miles north of I-81, Exit 21, midway between
Marysville & Duncannon.**Terms:** Cash, Check, Visa/MC Doors & Kitchen open at 7:00 a.m.

Phone & Absentee Bids Accepted

No Buyers Premium

Auctioneer: Cindy Fenton

(717) 957-9200

Auctioneer: Ken Fleck (717) 939-8441

AH-000247-L

*We're always accepting Quality Consignments**Now Booking Auctions for the Year 2000***Two Public Auctions
Railroadiana & Toy Trains
10 a.m. Saturday, January 8, 2000
(Exhibition: Friday Evening 7-9
and Saturday 8-10 a.m.)****RIDGE FIRE COMPANY****Along Rt. 23, between Phoenixville, PA and Rt. 100**Selling both auctions for the Estate of Robert Bixler,
Shamokin, PA, who was a serious, energetic Conrail fan and
Lionel train collector. He took hundreds of photos of Conrail
diesel locos and right-of-way scenes. We have slides, prints
and negatives from all over the system. Also cast iron signs,
bells, flashers, diesel horns, engineer's seat, time tables, offi-
cial guides, magazines, hard cover books, jewelry, souvenirs,
miscellaneous hardware, lanterns, switch lanterns. photo
albums, postcards and videos. Uncataloged.The train auction consists of boxed M.P.C. sets, about 100
lots of post war Lionel equipment, M.T.H. & Weaver, L.G.B.
and other G Gauge, numerous accessories, toys.

A 10% buyer's premium will be applied.

TED MAURER (AU-000593-L)**Successful Auction Management****Phone 610-323-1573****in Pottstown, PA**Visit our website at www.maurerail.com

Notice!!! Farm Show Schedule

Auctioneers...Please Mail or Fax
Public Sale Copy Early!

DEADLINE

FARM SHOW - Mon., Jan. 3, 2000 12 Noon
Fax No. (717) 733-6058

Brickers Auction Sat., Jan. 8, 9:15 AM At 93 Texaco Rd., Mechanicsburg, PA

1 1/2 Miles West of Mechbs off Rt. 114
Oval Oak China Cabinet, Oak Ice Box, Spool
Cabinet, Oak Slant Lid Desk, Jelly Cupboard, Oak
Chest, Washstand, Tool Chest, Trunks, Modern
Furniture, Crocks, Jugs, Griswold, Pc's,
Longaberger Baskets, China, Glassware, Depression
Glass, 100's Of Good Small Pc's, Maple Furniture
And Household Pc's.

Chuck Bricker Auctioneer AU0094-L
766-5785 For A Faxed List Call 717-766-5785

Romance Brothers Dispersal And John Moran Dairy Herd Dairy Herd And Machinery Auction

Sat. Jan 8, 2000 11:00 A.M.

(Blizzard Date Mon. Jan. 10)

6783 COUNTY ROAD 17
SAVONA, (STEBEN CO.) NEW YORK
(BRADFORD AREA)

Sale to be held at the farm on County Road 17, 2
1/2 miles east off State Route 226. (Turn off 226
onto Co. Rd. 17 first road south of "The Ranch
226" Bar/Rest.)

Discontinuing farming selling will be:

Romance Machinery: J.D. 4240 open station
tractor, original owner (purchased new 1981) 2
remotes, 18.4x38 rubber; J.D. 3020 diesel tractor,
open station, 18.4x34 tires, fresh overhaul, 148
loader to be offered three ways!; Also set of snap
on duals for 3020; J.D. 60 narrow front tractor,
(cracked block); Like brand new I.H. 1250 grinder
mixer, original owner, never outside!; J.D. 40
spreader with end gate; J.D. 650 3 pt. rake; J.D.
1209 haybine; (other 1209 for parts); J.D. 336
conventional baler; 4 good running gears; 2 round
bale feeders; EZ Flow gravity box on gear; J.D.
1240 plateless 4-row planter; Van Brunt 15 hoe
drill; Gleaner F combine with 12 ft. grain head;
N.H. 880 chopper with elect. controls and 2-row
narrow head; J.D. 34 chopper; J.D. 60H blower;
N.L. 1-row picker; 20 ft. bale/grain transport ele-
vator; I.H. 80 pull type combine; Real good J.D.
210 13 1/2 ft. transport disk!; J.D. 2600 4-bottom
semi-mt. plow; Good J.D. 16 in. Trip bottom trail-
er plow!; A good clean line of machinery sells!!

Romance Dairy: (Cattle will have T.B. test, ship-
ping fever shot, and pregnancy exam if necessary.
Any cattle for interstate will have blood drawn
after the sale.) 13 fair homeraised Holstein cows (5
recent fresh, 1 springer, balance mostly due in the
spring); 3 open breeding size heifers, 1 Holstein
cross bred heifer, 5 heifer calves, 3 bull calves, and
a Holstein service sire. This herd will respond to a
regimented feed program! An honest set of cattle
here.

Also Selling for John Moran Will Be: 26 cows
(all Holstein except 3 Aryshires) almost all hand-
ling for Jan. -Feb.-March freshening! One
Holstein Service Sire, 1 Ayrshire breeding age
heifer, plus two Highlanders (3-4 yr. old bull and
bred cow).

John's Machinery Includes: AC B tractor; 283
wire tie baler; crop sprayer; J.D. 38 chopper with
hay head; I.H. 20 ft. transport drag; AC 6-row no-
till corn planter with liquid fert.; N.H. wagon with
new kicker rack; J.D. wagon with new flat rack;
200 6 1/2 ft. locust posts; 200 bales of good 1st cut
square hay;

Machinery at 11:00 A.M.; Cattle at 1:00 P.M.
Nothing to be removed until settled for!!

TERMS: CASH, or honorable check day of auc-
tion. Acceptable I.D. required!

Owned by

**Jim and Gary Romance
and John Moran**

Auction Conducted By
James P. Pirrung and Associates
PIRRUNG AUCTIONEERS, INC.
P.O. Box 607 Wayland, New York 14572
Phone 716-728-2520 Fax 716-728-3378

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated

every Sat. at 2:23 P.M.

ATTENTION Auctioneers

All sales register info needs complete address,
street, town, county & state.

January 7, 2000 New Holland Sales Stables, Inc. Friday 10:00 A.M.

SPECIAL HORSE and MULE SALE!!

Tack Sale 9:00 A.M.

Our 1st sale in 2000 --- We Plan
to have a **Barn Full of
Work Horses, Mules and
Driving Horses---**

We have many coming from the south and west
for this sale---The Quality and Color will be
sold on January 7th.

Ward Wright is coming with a load of horses
and mules that he says is the best he ever sold
at New Holland---Several pair of blond geld-
ings, young matched teams, registered pairs of
Belgian mares broke, ready for work, plus some
singles--- also (2) top pair of mules and a couple
single mules---

Billy Meadows will be here with 20 head of top
horses-- pairs and singles, blacks, blonds, red
sorrels, and a few paints-- they are broke and
ready for work---

Billy Pope plans on a full load coming up---
several pairs, plus singles---

Shy Tipton will be here with a load of top
horses

David Bishop is planning to be here with a spe-
cial load of teams that have worked together
plus singles---

Our Driving Horse Consigners Plan To Have
Some Top Drivers---

If you need horses, be in New Holland on the
7th all day--- Quality, Size and Color will be here
for you---

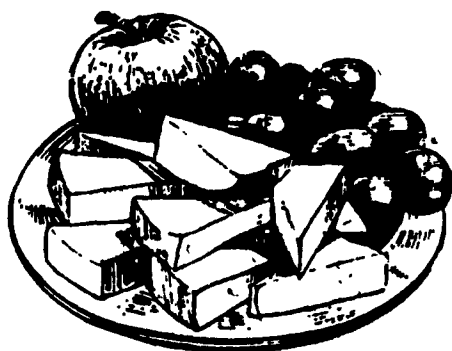
Note All Out of State Shippers, Have Your
Horses Come To New Holland With **Coggins
Papers and Interstate Health Papers.**

Call Us If You Have Any Questions On Sale
Conditions---



Have a Happy New Year!

Sale Managed By
New Holland Sales Stables, Inc.
Barn 717-354-4341 Fax 717-355-0706 Home 717-397-5538
Norman & David Kolb, Mgrs. 611



Consignment Auction

WINROSS, ERTL, HESS TRUCKS,
NASCAR ITEMS & MISC. TOYS

WED. JAN. 5, 2000 - 6:30 PM

LOCATED AT: A. & C. DIFFENBACH AUCTION, INC.
100 W. JACKSON ST., NEW HOLLAND, PA 17557

AUCTION HELD 1ST WEDNESDAY
OF EVERY MONTH

Consignments Welcome!
Call (717) 355-7253

HESS TRUCKS INCLUDING MINIATURES;
BEANIE BABIES; WINROSS TRUCKS;
MISC. BANKS AND TOYS.

TRUCK SALE WILL BEGIN AT 6:30 PM

A. & C. DIFFENBACH AUCTION INC.
100 W. Jackson St., Box 186
New Holland, PA 17557
Phone: (717) 355-7253
Fax: (717) 355-9547 Alan Diffenbach Auct. - AU2258-L

Dairy and Livestock Sales

SAT, APR 1 - Farm Machinery,
Tractor 557 Ranck Rd, New Hol-
land Allen & Vera Burkholder
Kline, Kreider, Good, Aucts

TUES, APR 4 - Fat Cattle Sale,
Carlisle Livestock Market, Inc.,
548 Alexander Spring Road,
Carlisle, PA

TUES, APR 4 - 7:45PM Feeder
Cattle Sale Carlisle Livestock
Market, Inc 548 Alexander Spring
Rd, Carlisle, PA

WED, APR 5 - 9AM Lumber &
Building Supplies To be held at
Wolgumuth Auction, 109 N Maple
Ave, Leola, Lanc Co, Pa 717-
656-2947

WED, APR 5 - 6:30PM Winross,
Hess, Farm Trac & Toys To be
held at A&C Diffenbach Auction
Inc, 100 W Jackson St, New Hol-
land, Lanc Co, Pa 717-355-
7253

THURS, APR 6 - Real estate, 1
ac wooded tract w/split level
home, 2 car garage, 27'x32' shop
Jeffrey & Christine King, Kline,
Kreider, Good, aucts

FRI, APR 7 - 10AM Horse Sale,
New Holland Sales Stables, 101
W Fulton St, New Holland, Pa

SAT, APR 8 - Real Estate &
Pers Prop at 975 Reading Rd
(Rt 625) East Earl (close to Bow-
mansville) Walter & Lucy Good
Kline, Kreider & Good, Aucts

SAT, APR 8 - Glenn Mitchell,
Duncannon, Pa Farm Machinery
Sale Managed By: Kling's Auc-
tions, Inc, Landisburg, PA 717-
789-3883

SAT APR 8 - 8:30AM - Horse
10AM Stallion Presentation Day
Mel's Stables, 834 Wallace Rd,
New Holland, PA Mel Hoover,
Auctioneer

FRI, APR 14 - 9AM Roman East-
er Sale Carlisle Livestock Mkt,
Inc, 548 Alexander Spring Rd,
Carlisle, PA

FRI, APR 14 - 9AM Tractors,
Farm Eq, & Supplies To be held
at A&C Diffenbach Auction Inc
100 W Jackson St, New Holland,
Lanc Co, Pa 717-355-7253

FRI APR 14 - 6PM Feeder Sale,
New Holland Sales Stables, 101
W Fulton St, New Holland, Pa

SAT, APR 15 - 1PM (Due to
Easter) State Graded Feeder Pig
Sales Carlisle Livestock Market,
Inc 548 Alexander Spring Road,
Carlisle, Pa

TUES, APR 18 - Fat Cattle Sale,
Carlisle Livestock Market, Inc
548 Alexander Spring Road,
Carlisle, PA

TUES, APR 18 - 7:45PM Feeder
Cattle Sale Carlisle Livestock
Market, Inc 548 Alexander Spring
Rd, Carlisle, PA

WED APR 19 & THURS, APR
20 - 8:30AM Wed Lawn & Gar-
den Tractors, misc items Thurs
Misc items, tires, posts, etc Farm
Equip & tractors 6 miles S of
Chambersburg, Pa 1 mi E of
marion, just E off I-81 at Marion
along Rt 914 Marion Auction
Service

SAT APR 22 - 8:30AM - Horse
10AM Mel's Stables, 834 Wallace
Rd, New Holland, PA Mel
Hoover, Auctioneer

WED, APR 26 - 9AM Farm
Equip, Tractors, Truck Lots To
be held at Wolgumuth Auction,
109 N Maple Ave, Leola, Lanc
Co, Pa 717-656-2947

FRI, APR 28 - 1PM State Grad-
ed Feeder Pig Sales Carlisle
Livestock Market, Inc 548
Alexander Spring Road, Carlisle,
Pa

FRI APR 28 - 7 PM Horse Sale,
New Holland Sales Stables, 101
W Fulton St, New Holland, Pa

SAT, APR 29 - Personal prop-
erty, antiques, 130 Frogtown Rd,
East Earl, Pa Chester & Edna
Weaver Kline, Kreider & Good,
auct

SAT, APR 30 - Greek Easter
Sale at Carlisle Livestock Mkt,
Inc, 548 Alexander Spring Rd,
Carlisle, PA



9:00 A.M.

PUBLIC AUCTION

Tues., January 18, 2000

9:00 A.M.

Draft Horses, Crops, Milking and Farm Equipment Household Goods & Antiques

Directions: From Bird-in-Hand take 340 West to 896 South, go approx.
1/2 mile to sale on right or from Strasburg take 896 North approx. 5
miles to sale on left.



6 Hd. Draft Horses 6 Hd.

Chief - 11 yr. old top lead horse
Duke 12 yr. old off side worker, lot of snap
Charlie - lead horse, smooth mouth
Buch - Smooth mouth, works anywhere
Bill - Smooth mouth, good lead horse
Chester - Smooth mouth, good lead horse
All these horses are ready to go to the field



Horse Related Items

7 Sets Front Gears, 7 Bridles, 20 Collars, Jockey Sticks, 3 Set Checklines, 1, 2, 3, 4,
5 & 6 Horse Hitches, 3 Set Rope and Pulley for Tandem Hitch, Fiberglass Horse
Hitches, Open Buggy

Milk House Equipment

3 Westfalia Milker Units, Sputnik, Extra Bucket, 2 Milk Strainers, Bender Washer,
Stainless Steel Twin Tubs, Cooling Compressor, Masport Vacuum Pump, Cow Can't
Kick, Misc. Milk House Supplies, Cow Foot Bath, Cow Trainers

Crops Crops

Approx. 10 Ton Grass Hay, Approx 16 Ton 1st Cutting Alfalfa, Approx. 18 Ton 2nd
& 5th Cutting Alfalfa, Approx. 4 Ton Straw and Some Corn Fodder.

Farm Equipment

New Holland 273 Baler with 2 Cylinder Wisconsin Engine and Applicator, New
Holland 456 Mower with Wisconsin VF-4 Engine and Hydraulics, New Holland
402 Crimper, Hay Tedder, New Holland 256 Rol-a-bar Rake, 30 ft. New Holland
Elevator with Hydraulic Motor and Hoses in (good condition), 3 - 16 ft Farm Wag-
ons - 2 with side boards, International, 1 P.R. Corn Picker with 2 Cylinder Wiscon-
sin Engine (good condition), John Deere 999 2 Row Corn Planter with Plateless
Hoppers, White Horse 2 Bottom Hydraulic Reset Plow 12 in. Bottoms, Oliver 1 Bot-
tom 14 in. Trailer Plow, M-C Roto Beater Flail Chopper, 1 Row McCormick Deer-
ing Cultivator, Grain Drill, 1 Row New Idea Transplanter, 8 ft. Cultipacker, Black
Hawk 2 Row Corn Planter, Fore Cart with Hillside Hitch, 24 K.B.A. Disc, Walk
Behind Plow, 2 Fore Carts, 8 ft. Spring Tooth Harrow, Pequea Manure Spreader with
Tail Gate, Field Sprayer with 150 Gal. Tank and Pump & F.E. 170 Kawasaki Engine,
Auto Turn Fore Cart, Farmco 12 ft. Feeder on Skids, Gravity Bin on International
#330 Gear in good condition, Ironage 1 Row Potato Planter, 275 Gal Gas Tank with
Pump, Wisconsin Model V465D Engine with Rockford P.T.O. Clutch, Hydraulic
Unit with 8 H.P. Kohler Engine, Silage Fork, 2 Grain Carts, Silage Cart, Barn Sup-
plies, Shovels, Brooms, Forks, Scraper, Barn Desk, 275 Gal. Diesel Tank, 2 Tobac-
co Bale Boxes, Gutter Fork, Feed Cart.

Misc. Items

Quincy Model 325 Air Compressor, Deutz 2 Cylinder Engine, 10 H.P. Wisconsin
Engine (Propane Gas), 4 Ft Portable Barn Fan with Kawasaki F.E. 170 Engine, Pel
PE33 Fencer, Barrel Pump and Barrel, Wire Roller, Pea Wire, Misc. Lumber, Bushel
Crates, 2000 p.s.i. Pressure Washer with 9 H.P. Honda Engine, 3000 lbs. Chain
Hoist, Acetylene Torch & Cart, Lincoln 225 Amp Welder with 16 H.P. Briggs &
Stratton Engine (good condition), Ridgid Pipe Cutter, Creeper, Welding Table, Vise,
2 Bolt Bins & Bolts, Chicken Feeders, Nests, 303 British Rifle.

Household Goods & Antiques

Old Dry Sink, Iron Kettle, Old Wooden Pulleys, 2-Hole Corn Sheller, Old Wood
Box, 1 Wagon Load of Misc. Household Goods and Antiques.

Terms by

Christ B. & Sarah F. Glick

182 Eastbrook Rd.
Smoketown, Pa. 17576

Cash or Honorable Pa. Check Only

All Announcements Sale Day Take Precedence Over All Advertising

Not Responsible for Accidents

Food on Premises

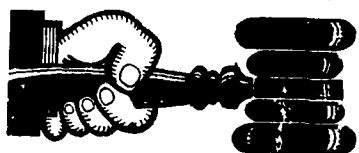
Auctioneer: Mel Hoover AU-003111-L

717-354-8397 Home or 717-354-6431 Barn



NOTICE!!!

**Look For Public Sales
Scheduled Past Deadline
On Second To Last Page
Of Section A**



AUCTIONEER'S DIRECTORY
Call 717-626-1164 to list your auction service.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P Tuesday of each week's publication.



LEBANON, PA 1717-270-4555



410 W. Church Rd.
Ephrata, PA 17522
(717) 733-3511

**Real Estate • Farm Equipment
• Antiques • Household Goods**
It doesn't cost to use our Auction Service...It Pays.
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Auctioneers**

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Since 1976
Real Estate • Farm Equipment • Antiques
Personal Property • Livestock
Phone 717-665-5099

WEEKLY AUCTIONS



MONDAYS 3 PM
2152 N. READING ROAD
DENVER, PA 17517

- Antiques, Estates, Household, Commercial, Real Estate
- Computerized Auction Service With On-Site Capabilities
- Buy Or Sell On Commissions
- No Buyer's Fee
- No Hidden Fees

**Antiques
Sat. 10-5
Sun. 8-5**

barrs@desuper.net

717-336-2861

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AUCTIONEERS

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE - FARMS & RESIDENTIAL
PERSONAL PROPERTY - ANTIQUES -
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717-733-1006 717-786-3394

ROY E. GOOD, JR.
AUCTIONEER
(717) 445-4309



**HORNING
Farm Agency, Inc.**

Courteous Real Estate Services
Professional Auctioneers
State Certified Appraisers
Specializing in Farms and Land
Route 23, Morgantown, PA
(610) 286-5183



2nd Annual

MULE SALE

9:00 AM

9:00 AM

Sale held at Mel's Stable, 834 Wallace Rd., New Holland, PA.

Wed., Feb. 2, 2000

Location: From Route 23 in New Holland, take Brimmer Ave. South approx. 2 miles to Hill Rd. Turn left to sale on left. OR From Intercourse, Take 340 East to New Holland Rd., turn left to Hill Rd., turn right to sale on left.



**Approx. 250
Head of Mules**
Hitch Time 8:00 AM
Sale Time 9:00 AM



If you are looking to sell good big strong mules, Please call (717) 354-6431 or (717) 786-7990 at 8:00 AM. If you are looking for good big acclimated mules, don't miss this sale.

Sale order - 9:00 AM Starting with approx. 50 head of weanling & yearling mule colt followed by mature mules.

Terms By

Jonas S. King and Mel Hoover

**All Advertised Items Subject to Prior Sale
Cash or Honorable PA Check Only
All Announcements Sale Day Take
Precedence Over All Advertising.
Not Responsible for Accidents
Food on Premises**

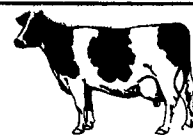


Auctioneer: Mel Hoover
AU-003111-L
717-354-8397 Home
or 717-354-6431 Barn



Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.



New Holland, Pa.

Located 12 Miles East of Lancaster, just off Rt. 23

DAIRY SALE WEDNESDAY, JAN. 5, 2000

10:00 AM
12:00 NOON

**OPEN BRED HEIFERS
BULLS, FRESH COWS, SPRINGERS**

Weekly Consignors

• Merle Breneman • Leroy Smucker • Jim Hostetter
• Marvin Eshleman • Dale Hostetter • Daniel Z. Stoltzfus

**Our New Year, 1st 2000 Sale!!
Pork and Sauerkraut Dinner**



SPRINGERS and FRESH COWS

**We Will Have A Barn Full Of Cows That Will Start
Your New Year Off Right---**

Note To Consignors!

Please send all information along with your cattle Tues. Fresh date, Breeding Dates, Milk Weights, TB & Blood Test charts with your trucker.

**Thank You For Your Business
We Wish You All A**

Happy New Year

Sale Managed By

New Holland Sales Stables, Inc.

Barn 717 354 1311 Fax 355 0706 Home 717 397 5538

Norman & David Kolb, Mgrs. 61L

Clip and Save

NEW HOLLAND SALES STABLES, INC.

101 W. Fulton St., New Holland, PA 17557
Sales Every Monday, Wednesday & Thursday

2000 SPECIAL SALES 2000

Fri., Jan. 7.....10 AM.....Horse Sale
Fri., Jan. 21.....10 AM.....Horse Sale
Fri., Feb. 4.....10 AM.....Horse Sale
Sat., Feb. 5.....10 AM.....Paul Smucker Mules
Fri., Feb. 18.....10 AM.....Horse Sale
Fri., Mar. 3.....10 AM.....Paul Smucker Mules
Mon., Mar. 6.....12 Noon.....Draft Horse Sale
Fri., Mar. 17.....10 AM.....Horse Sale
Fri., Apr. 7.....10 AM.....Horse Sale
Fri., Apr. 14.....6 PM.....Feeder Sale
Fri., Apr. 28.....7 PM.....Horse Sale
Sat., May 6.....10 AM.....Heifer Sale
Fri., May 12.....6 PM.....Feeder Sale
Fri., May 19.....7 PM.....Horse Sale
Sat., May 27.....12 Noon.....Quarter Horse Sale
Sat., June 3.....10 AM.....Heifer Sale
Fri., June 16.....7 PM.....Horse Sale
Fri., July 14.....7 PM.....Horse Sale
Fri., Aug. 18.....7 PM.....Horse Sale
Sat., Sept. 9.....10 AM.....Heifer Sale
Fri., Sept. 15.....7 PM.....Horse Sale
Sat., Sept. 23.....12 Noon.....Quarter Horse Sale
Fri., Sept. 29.....6 PM.....Feeder Sale
Sat., Oct. 7.....10 AM.....Heifer Sale
Fri., Oct. 13.....6 PM.....Feeder Sale
Fri., Oct. 20.....7 PM.....Horse Sale
Wed., Oct. 25.....11 AM.....Show Sale
(Judging 9 AM)
Fri., Nov. 10.....6 PM.....Feeder Sale
Fri., Nov. 17.....7 PM.....Horse Sale
Thurs., Nov. 23 THANKSGIVING. No Sale
Fri., Nov. 24.....10 AM.....Beef Sale
10:30 AM.....Goat Sale
6 PM.....Feeder Sale
Fri., Dec. 1.....7 PM.....Horse Sale

ALL OUT OF STATE HORSES NEED COGGINS TEST

For more information

Sales Barn Office

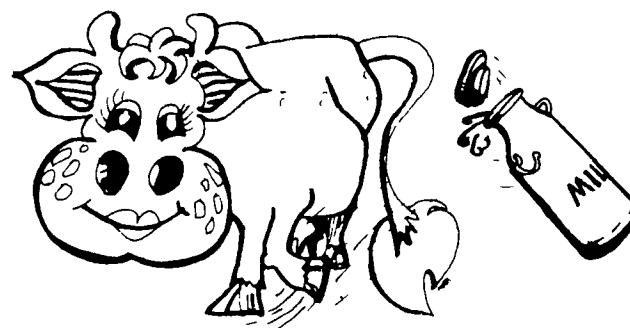
Roger Floyd - Off. Mgr. Fax Norman or David Kolb
717-354-4341 717-355-0706 717-397-5538

Field Reps

Luke Eberly 717-336-8891 Don Welk 717-687-7475
Homer Eberly 610-267-3047 Paul Good 717-445-6662
Ron Ranck 717-656-9849 Paul Snyder 717-733-7052
Nevin Martin 717-354-7186 Ken Smoker 610-593-2123
Goats, Sheep, Calves

Please Clip For Future Sales Reference

Clip and Save



BREAKING MILK RECORDS!
**Lancaster Farming Carries
DHIA Reports Each Month!**

SMUCKER DRAFT MULES

You're invited to attend a

Special Mule Sale



Saturday, February 5, 2000 • 10 AM

- 20 mule hitch prior to sale
- 75-100 Yearling Mules and also about 10 Pair Fancy 2 year olds
- Also some big young jacks
- A good market for all size mules

Auctioneers

Steve Petersheim AU01349-L
Paul Snyder AU-000873-L

Held at:

NEW HOLLAND SALES STABLES
New Holland, PA
354-4341

**FOR MORE INFO CONTACT PAUL SMUCKER
(717) 299-3721**

**PORK
&
SAUERKRAUT**

DENNIS KOLB

**PORK
&
SAUERKRAUT**

SPECIAL NEW YEARS SALE

250 • QUALITY HOLSTEINS • 250

THURSDAY, JANUARY 6, 2000 - 11 A.M.

LOCATION: West of Lancaster on Dairy Road. Take Route 283 West to 741 West and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

SALE CONSISTS OF

- 75 New York State Cows - 20 over 100 lbs.
- 75 Big Fancy Canadian Cows Purebreds and Grades - Many 100 lbs.
- 25 Top Purebred cows and heifers from Bradford & Tioga Co. 7 Over 100 lbs.
- 5 Fancy Red & Whites
- 2 Good Jersey Holsteins Cross Breds
- 2 Jerseys
- 1 2 yr. Dutch Belt Fr. milking 60 lbs.
- 10 Top Young cows picked from 1 herd - 6 due in Spring

SAMPLE OF PUREBREDS SELLING

- A 2 Yr. old PEN-COL EMERY ET Dtr. fresh, Dam VG-87 VVVVV IMPERIAL CNB CURIOUS PT Dtr. 2-03 365d 3X 31,740 2.6 817f 3.2 1020p, next Dam VG-87 3 yr. DOM Ex M MADAWASKA AEROSTAR Dtr. - 2-00 365d 30,020 2.8 846f 3.2 955p, 2 VG Mat. Sis. 1059f & 1077f, next dam VG-88 3 Yr. GMD DOM 2-02 365d 33,800 3.7 1259 3.1 1032p, 14 sons in AI-US & Canada, next dam VG-85 2-06 365d 22,783 3.7 854f, next Dam VG DOM 3-03 259d 30,573 4.2 1285f
- 2 Yr. old MARCREST ENCORE Dtr. fresh milking 80 lbs., Dam VG-88 VVVEE 10-09 344d 29,413 3.3 969f 2.8 833p HI-DE-HO SUNSET KID-RED Dtr., Next Dam ARLINDA CAR DAIRYMAN Dtr. VG-87 V+EV 6-05 299d 24,570 3.4 842f 2.9 706p
- A 2 Yr. old KINGLEA LEADER fresh for tester 92.2 lbs., her dam MAPLELEAF E VALNT MANTER ET Dtr. VG-87 VEE+V 3-07 373d 32,371 3.0 965f 2.7 879p, next dam STREAMVUE PETER RY BURRBON-ET Dtr. 5-11 305d 27,849 3.3 937f 2.8 792p
- A 2 yr. old DUNCAN BLACK ROMEO DT Dtr. fresh 76 lbs. for tester Dam VG-85 VVVVV STARDOLL VALIANT WINKEN-ET Dtr. 2-00 360d 22,814 3.3 744f 3.5 778p, next dam VG-86 VVVVV RODALE PRINCE SEXATION LABAN Dtr. 4-11 294d 27,404 3.6 997f 3.3 916p
- A 4 Yr. old ECSTASY BLACKSTAR INDY ET Dtr. fresh GP-80 had 98.6 for tester, 2-10 372d 25,452 3.7 951f 3.3 852p, her Dam GP-80 KINGLEA LEADER Dtr. 5-01 376d 29,915 3.5 1051f 3.5 1037p, next Dam THORMAR-CREST FONZY-RED Dtr. 6-07 335d 30,011 3.4 1022f 3.0 904p
- 2 Yr. CHESAPEAKE Dtr. fresh milking 81 lbs. dam not scored 3-10 295d 27,340 3.7 1024 3.4 922, 2nd dam VG-85 5-10 365d 27,360 3.7 1022 3.4 942, 3rd dam VG-87 9-07 365d 26,660 4.1 1102 3.2 861
- 2 Yr. BOULET CHARLES Dtr. Fr. milking 89 lbs., Dam VG-86 365d 31,735 4.2 1322 3.5 1109
- 2 Yr. CHESAPEAKE Dtr. fancy due 12/30/99 to 7H4491, dam not scored 3-11 365d 37070 3.5 1295 3.2 1175, 2nd Dam 5-11 305d 30,040 3.9 1184 2.9 884, 3rd Dam 4-08 365d 30800 3.5 1110 2.8 855
- 3 Yr. DARKSTAR Dtr. Fr. 94.4 lbs. 4.6 test 1-11 356d 19,483 4.3 850 3.3 644, Dam 3-00 288d 19,235 4.6 877 3.5 682
- HIGHLIGHT MR MARK CINDER Dtr. Fr. milking 71 lbs. with Dec. heifer calf by 7H4955, Dam GP 365d 25,910 3.6 3.1 799, 2nd dam VG-85 5-03 23,950 3.5 842, 3rd dam VG-89 5-07 305d 25,900 3.4 876
- 4 Yr. MERRILL Dtr. GP-84 Fr. milking 117 lbs. 3-00 365d 27,740 3.7 993 3.3 895, dam VG-85, 2-03 365d 32,763 3.3 1082 3.3 1079
- 3 yr. KINGLEA LEADER Dtr. Fr. milking 83 lbs., Dam VG-89 over 23,000 over 900 fat
- A 4 Yr. old DUREGAL ASTRE STARBUCK ET GP-83 fresh for tester 90 lbs. 3-07 312d 24,870 3.3 825f 3.0 739p, her Dam VG-87 VVVVV ROTHROCK TRADITION LEADMAN Dtr. 5-06 365d 30,380 3.3 999f 3.1 932p Life 132,140 3.3 4329 3.1 4101p, next Dam MARK Dtr. VG-86 VVV+V 4-06 330d 25,730 4.0 1032f 3.1 793p, next dam PACK-HERD VALIANT BEAUX VG-87 7-07 365d 28,030 3.9 1107f 3.2 897p Life 170,870 4.0 6752f 3.4 5749p
- A 4 Yr. old TO-MAR BLACKSTAR-ET Dtr. GP-81 fresh 94 lbs. for tester 3-04 365d 23,732 4.2 1012f 3.4 810p, Dam sold as Springing heifer, next dam VG-85 GRAND HAVEN SABASTIAN COOK record over 23,000
- A 2 Yr. old MARGENE BLACKSTAR FRED Dtr. fresh for tester 78.5 lbs. 3.8 2.9p, Dam VG-87 VVVV 2-11 363d 23,928 5.5 1309f 3.6 868p, next Dam Madawaska Aerostar Dtr. 3-08 282d 17,330 4.1 702f 3.5 607p, next dam CLEITUS Dtr. GP-80 4-03 305d 18,620 4.9 909f 3.3 619p;
- A 3 Yr. old MAIZEFIELD BELLWOOD ET Dtr. fresh, 3rd Dam EX-92 EEEVE 3E GMD DOM 8-00 365d 31,620 4.3 1357f 3.4 1087p, life 175,420 4.2 7281f 3.5 6126p, next dam BELL Dtr. VG-87 VEVV 5-07 365d 21,530
- A 2 Yr. old HILL-A-WAY ASTAR GRANITE ET Dtr. fresh, Dam GP-84 BO-DEN ACRES STARWARS Dtr. 5-01 305d 22,930 3.8 861f 3.2 732p, next dam TALL-SPRUCE TERRY ELEVATION Dtr. 4-11 305d 18,270 4.4 798f 3.4 618p, next dam PARKSNOLL TERRY USA Dtr. 4-02 305d 19,460 3.1 609f
- A 2 Yr. old HARD-LE DARKSTAR-ET Dtr. fresh milking 70 lbs., her dam HANOVERHILL RAIDER Et. Dtr. 3-01 341d 22,367 4.8 1066f 3.5 777p, next dam LEADMAN Dtr. 3-05 324d 22,672 4.1 936f 3.1 702p
- A 3 Yr. old LEW-MAX BLACKSTAR ODAY ET Dtr. fresh 1-11 346d 18,560 3.4 625f 3.1 581p, Dam CURTMAID MARK SEARLE Dtr. 4-08 365d 24,837 3.6 892f 3.3 817p, next Dam HANOVERHILL INSPIRATION Dtr. as 2 yr. old over 20,000 lbs.
- A 2 yr. old BROWNDAL E MANHATTAN ET Dtr. fresh, Dam ELUSIVE ROTATE DUKE-ET Dtr. 3-04 305d 21,750 3.0 655f 3.0 662p, next dam SNOWCREST DELEGATE PAPPY Dtr. GP-80 305d 24,100 3.1 747f 2.9 710p
- A 5 Yr. old DANESTEAD MEMORIAL DANIEL Dtr. fresh 3-02 21,717 3.8 778f 3.4 740p
- 3 Yr. SHOREMAR MASON Dtr. Fr. milking 92 lbs.
- 2 Yr. SHOREMAR MASON Dtr. Fr. milking 85 lbs.
- 5 Yr. VIC KAI Dtr. Fr. milking 103 lbs., Dam 25,880 3.9 924 3.3 845
- 2 Yr. PEARTONE JACKPOT Dtr. milking 83 lbs. due 6/16/00 to DUNCAN PROGRESS
- 4 Yr. MIKAL THOR CLETIC Dtr. Fr. milking 97 lbs.
- 4 Yr. BENCHMARK Dtr. Fr. milking 88 lbs.
- 4 Yr. KINGLEA LEADER Dtr. Fr. milking 96 lbs. 3-00 22,485 889 742
- 2 Yr. LIEUTENANT Dtr. Fr. milking 86 lbs.
- SILVERADO Dtr. Dry due Feb. 3, 2000 to 7H4459 2-11 365d 25,570 3.7 956 3.0 759, Dam 6-09 365d 31,640 3.4 1081 3.1 975
- 2 Yr. MAUGHIN STORM Dtr. due with 1st calf 1/21/00 to LYSTEL LORENZO
- 2 Yr. PRELUDE Dtr. due with 1st calf 1/19/00 to FUTURAL ZAHARA.

SERVICE AGE BULLS

- LENZWAY TESK RUBYTOM Son, Dam VG-85, 364d 31,832 3.1 991 3.1 990, 2nd Dam EX GMD DOM 365d 43,810 3.2 1396 3.0 1333, 3rd Dam VG-86 4-06 365d 25,580 3.9 1006 3.3 838, 4th Dam ELLA EX-96 over 50,000m over 2,000 fat.
- RO-DENE AERO FENELLA ICE Son, Dam VG-86 with EX mammary 365d 29,510 4.0 1186 3.6 1074

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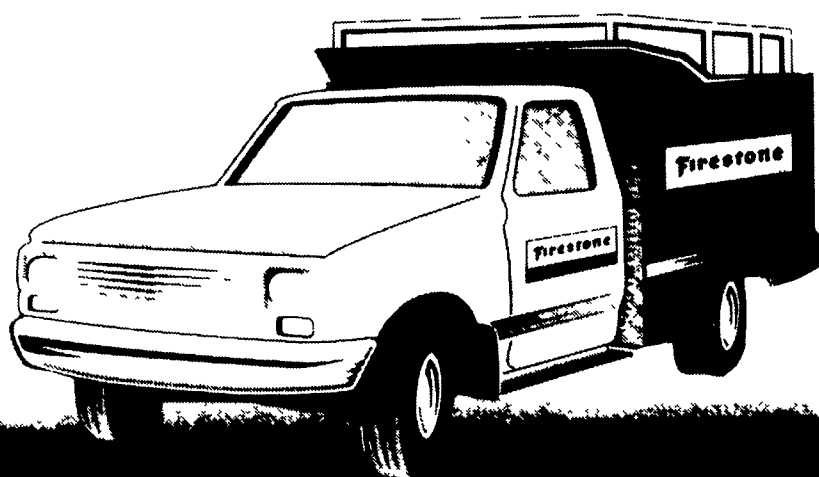
Auctioneer: Paul Snyder
(AU-000873-L)



Mummau Tire Service Centers

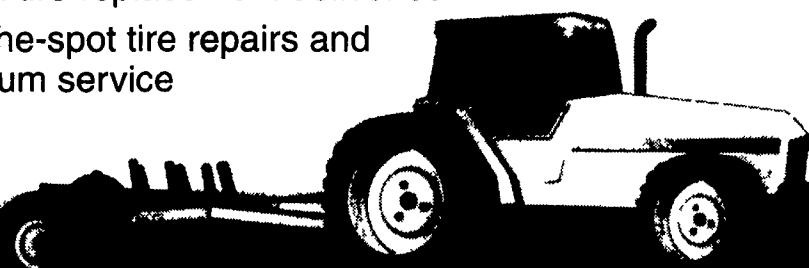
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For In-Field Farm Tire Service



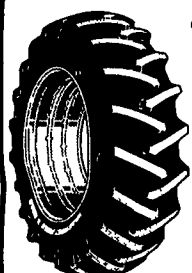
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479⁹⁵

18.4R-34*
511⁹⁵

18.4R38*
519⁹⁵

20.8R38*
679⁹⁵

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FWD**

14 9R28***	479.95
16.9R26**	594.95
16.9R28**	539.95

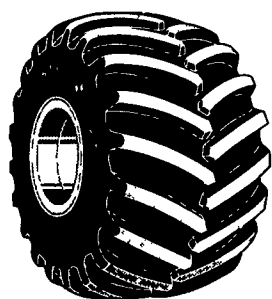
BEST



**Radial
All
Traction
23°**

18 4R38*	559.95
20.8R38*	739.95
18.4R42**	719.95

Flotation 23° DT



66x43 00-25 10 Ply
2095.95

All Traction Utility



(Rear
Backhoe)

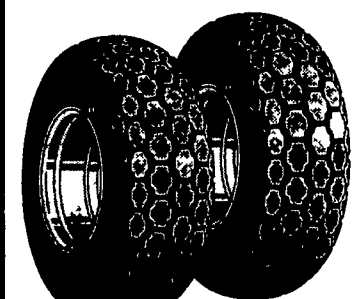
17 5L24	8 ply	279.95
19 5L24	10 ply	439.95

Forestry Special



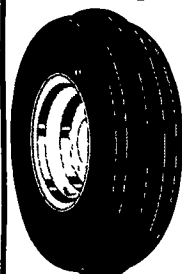
18.4-26 - 10 ply	759.95
23.1-26 - 10 Ply	1199.95

All Non Skid



18.4-16 1. 6 ply	314.95
14.9-24 6 ply	304.95

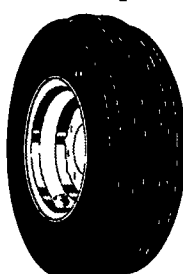
Champion Guide



**3 Rib
Front**

6 00-16	4 ply	39.95
7 50-16	6 ply	55.95
11L15	8 ply	89.95
10 00-16	8 ply	91.95

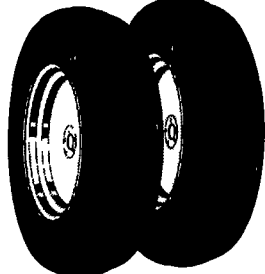
Champion Guide



**4 Rib
Front**

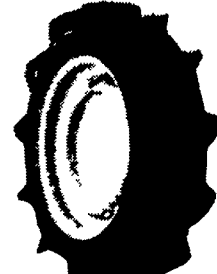
9 5L15	6 ply	68.95
7 50-16	8 ply	67.95
11 00-16	8 ply	104.95
14L16 1	8 ply	223.95

Rib Implement



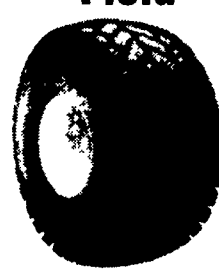
5 00-15	4 ply	36.95
7.60-15\.	8 ply	46.95
10 00-15	8 ply	76.95
12 5L15	8 ply	68.95

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7-16	6 ply	94.95
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For 1999 we are excited to announce the opening of our third location in Hagerstown, Maryland. CFS of Hagerstown will primarily be a Cub Cadet store to strengthen our commitment to the Lawn & Garden equipment industry. We are very pleased to have this opportunity to intensify our focus of offering the best customer service.

Our success lies solely in our customers. We recognize the need for customer support; therefore our main goal is 100% customer satisfaction. We carry an extensive inventory of parts, we have factory-trained sales and service personnel, we maintain a fleet of service trucks, and we are keeping pace with the rapidly changing agricultural industry. When it comes to your equipment needs, you can be confident that CFS is here to support you.

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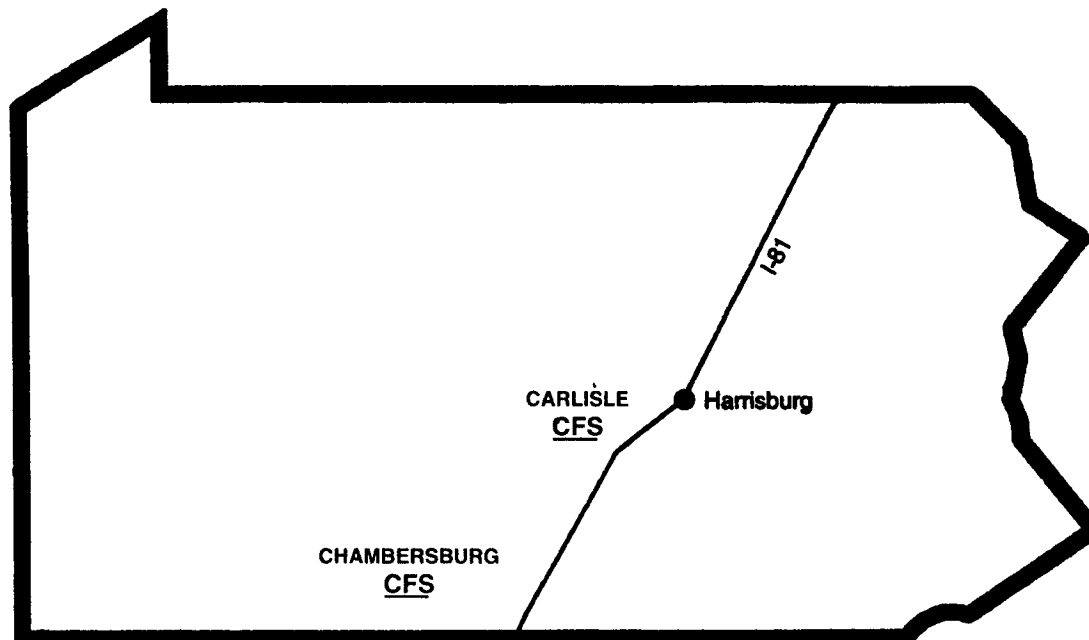
CFS ON THE MAP

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US Route 11
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Or US Route 11

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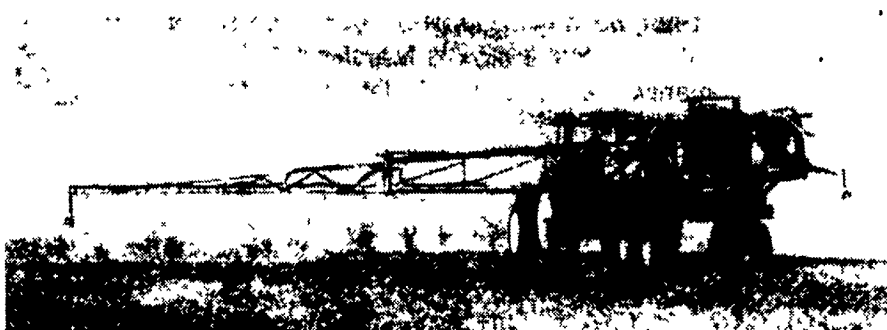
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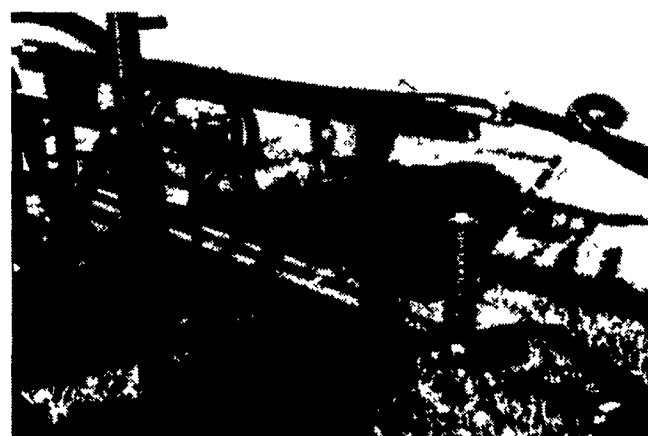
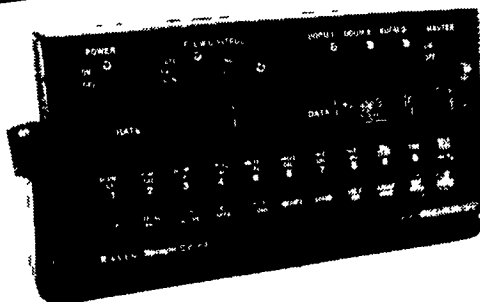
MILLER PRO



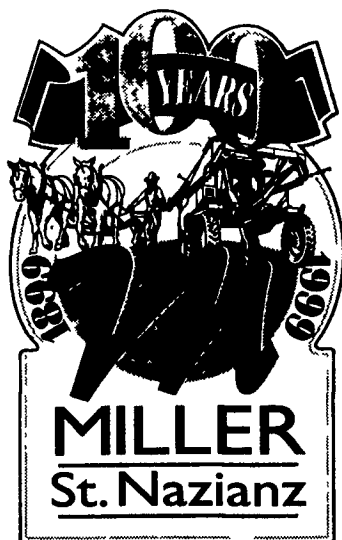
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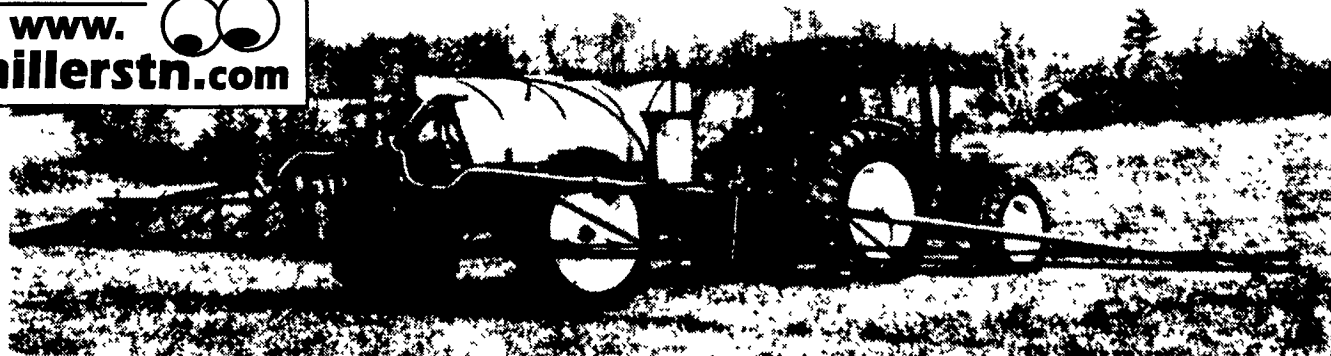
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Courier Bees Help Reduce Costly Fungi, Impact On Environment

WOOSTER, Ohio - Forget the tractor, the sprayer and the labor. An Ohio State University researcher has found that bees are ready and able to deliver biocontrols to strawberry plants.

Not only do the courier bees help protect berries from the fungi Botrytis, fruit yields increased too, said Joe Kovach, director of the Integrated Pest Management program at Ohio State University.

Kovach will discuss the use of bees for Botrytis fruit rot control at the joint meeting of the North American Farmers' Direct Marketing Conference and the Ohio Fruit and Vegetable Growers Congress, Feb. 10-12, in Cincinnati.

Botrytis is a gray mold or fungus that causes strawberries to rot. Infection occurs in the flowers, but the mold doesn't multiply until the fruits mature.

In wet years, Botrytis can damage close to 100 percent of an untreated crop, while during dry years the damage is minimal, Kovach said. A fungal biocontrol, *Trichoderma harzianum*, controls the fungi. A biocontrol uses a living organism, instead of a synthetic chemical, to control a pest. For example, a beneficial insect would feed on unwanted insects.

Current integrated pest management recommendations call for one to two biocontrol applications at bloom, depending on the strawberry variety, bloom length and weather conditions.

But Kovach wanted to minimize the impact from spraying one step further.

"We knew bees were able to

transport disease-causing microorganisms as well as dust and pollen to flowers," said Kovach. "We wanted to see if the bees could deliver a beneficial microorganism for us."

To accomplish this, Kovach put the *Trichoderma* powder at the entrance of the hive. "In essence, the bees go through the equivalent of a foot bath as they enter or exit the hive," he said.

Results from three years of field tests at the New York State Agricultural Experiment Station, where Kovach previously worked, showed that honey bees and bumble bees can successfully carry the *Trichoderma* to the strawberry flower.

In fact, bee-delivered *Trichoderma* provided the same amount of control as the traditionally applied fungicides. But - as a bonus from the bee pollination - fruit weight increased.

Strawberries are primarily pollinated by gravity or wind, Kovach explained. The more seeds developed per berry, the larger the fruit is. The increased pollination by the bees yielded fruit that was 15 percent to 25 percent larger than the control.

Trichoderma is registered with the Environmental Protection Agency; however, the bee delivery method is not yet registered.

"We still have to complete impact studies on the bees, their honey and the surrounding flora," Kovach said. "But, I expect this delivery method to be registered by the year 2001."

The potential benefits are tremendous, Kovach said. There is lower impact on the environ-

ment because of the delivery method, farmers handle less chemicals, there's little drift, and it's cheaper and easier to do. The bees do your spraying for you.

The North American Farmers' Direct Marketing Conference and the Ohio Fruit and Vegetable Growers Congress early registration deadline is Jan. 10. The fee is \$85 for members of the conference's sponsoring organizations and \$110 for non-members. Late registration fees jump to \$95 and \$115, respectively. For more information, contact the Ohio Fruit and Vegetable Growers Congress staff at (614) 249-2424.

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Pa. Cattlemen's Association To Offer Scholarship

MIDDLETOWN (Dauphin Co.) — The Pennsylvania Cattlemen's Association (PCA) has announced that it will make a \$1,000 scholarship available to a young person planning a career related to the cattle industry. Funding for this scholarship is provided through PCA's participation in the Ivomec: Generations Of Excellence™ program.

"Nothing is more important than providing a sound education for tomorrow's producers," according to Bill McCoy, president of PCA. "Those planning to work in the changing cattle industry into the next century will need to be proficient in animal and crop sciences, business economics and communications. That's why PCA is providing a \$1,000 Ivomec Scholarship to help a deserving young cattleman or cattlemate prepare for the future."

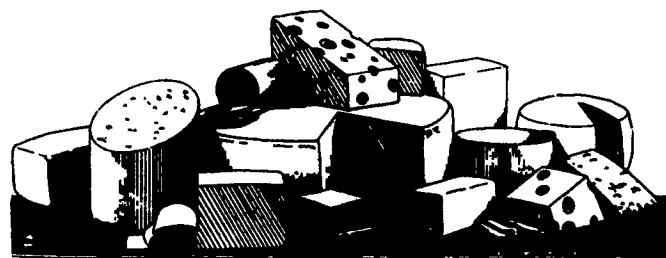
The PCA Ivomec Scholarship will be awarded based on the applicant's interest in the industry, leadership, academic achievement and organizational involvement. Interested youth who are members of the Pennsylvania Junior Cattlemen's Association or whose par-

ents are PCA members should request application forms directly from the PCA office. Completed applications must be postmarked on or before March 12.

"We are pleased to team up with Ivomec to offer this very special scholarship opportunity to a young person in Pennsylvania," said McCoy. "There's no question that education, along with practical experience, is the key to the future competitiveness of the U.S. cattle industry. Offering this scholarship is just one of the ways in which PCA is helping prepare and develop tomorrow's leaders."

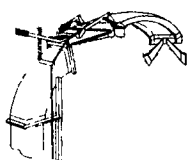
Introduced in 1996, the Ivomec: Generations Of Excellence program has provided more than \$1 million to help fund youth-focused scholarship and leadership initiatives at the same level through organizations that support the cattle industry. Funding levels are based on the state cattle producers' purchases of Ivomec® Brand products, which are manufactured by program sponsor Merial.

For more information about the PCA Ivomec Scholarship, contact the PCA office at (717) 986-0333.



DeMuth Silage Spreaders

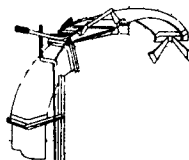
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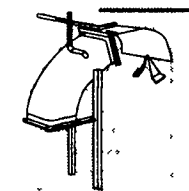
discharge back pressure

Rolling end section
Rolling section lock down



Silage Spreader
Rolling end section

Rolling section lock down



Silage Spreader

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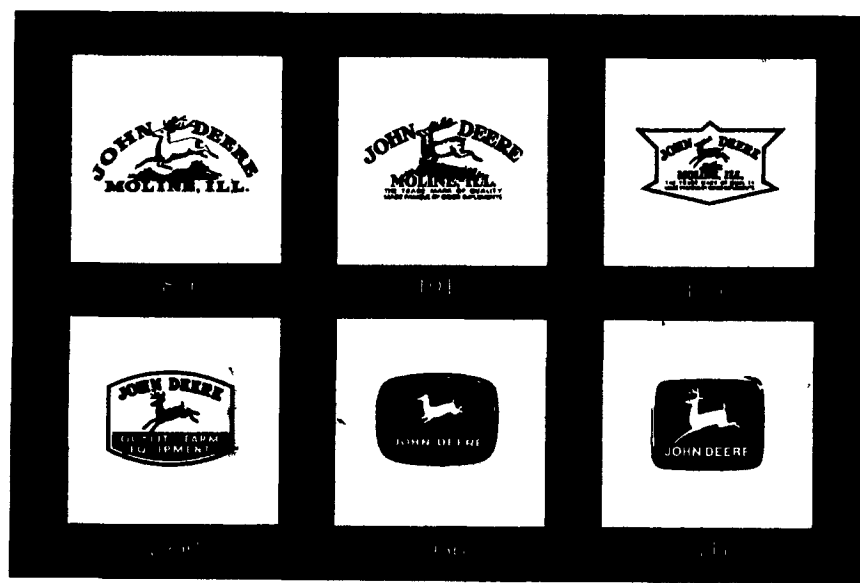
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Loader Tractor MF 20C, 1,700 hrs., 3 pt., ROPS, shuttle, no PTO, nice, \$8,500. 410-833-9091

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Case IH 1660 only 1700 hours, used on our farm this fall. Runs excellent, Fancy, Fancy condition. Looks like new. Was \$48,000 now \$44,500. Financing Avail. 800-919-3322 Zeisloff Eq.

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Oliver 1650, gas, WFE, fender, 16.9x34 @ 60%, clean western chore tractor, \$4,500. 410-833-9091

Ertl precision classics, all new in box. JD A on steel, \$175. JD A w/cultivators, \$350. JD 4020 NF, \$125. JD 730D, \$110. JD 4450 Syracuse tractor, \$150. 717-866-7066 or 717-866-5270

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IH 544, 52hp gas, hydro w/ldr, \$5,800. 814-467-8839.

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Oliver Cletrac HG68 hyd. blade winch 3pt; Case CO in the 20's; Farmall Super A; all don't run. Accord, NY 914/626-0139.

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New Holland 1033 105 Bale Wagon \$5,550. Hubert Homan Celina, OH 419-678-8016.

Belarus 820, 4x4, fender, 80 hp, \$5,000. 410-833-9091

Collector Tractors: AC: ED40 dsl \$2,200; D14 propane, \$2,200. GBT \$2,400. S c h r a m \$ 8 0 0 . 814-467-8839.

Same 75hp, 4x4, w/ldr, \$7,200. 814-467-8839.

1978 JD 4240, 2 hyd, cab, 18.4x34 tires, price \$18,500.00. Call 856/769-4025.

MF 1130, 120 hp, cab, good, \$6,800. 814-467-8839.

AC 210 tractor, 120hp, axle mount duals, exc cond. Owatonna feed grinder, 90 bu cap, exc cond. 609-723-6265 eves.

Kohler generator, 15KW, new regulator, just gone over, 3 phase or single, LP gas or regular gas, \$1900. 717-469-0123 8am-430pm

IH 624, 60hp, diesel, cab, loader, \$5,800. 814-467-8839.

NH 900 harvester w/corn & grass heads, excel. cond. JD 7700 combine, good cond. 717-626-7612

Gehl 8 Ton Running Gear, Good Cond \$600/obo 610-562-6713.

1976 JD 6030, cab & air, 3800 hrs., Q-hitch, 20.8x38 duals, price \$14,500.00. Call 856/769-4025.

JD 6030 from Colorado, Cab, PTO, No 3 Pt., Duals, 8,000 Hrs., Nice Condition, \$9,500. 410-833-9091

HERCULES, CONTINENTAL Waukesha farm, industrial engine parts. M&M Surplus Sales, 807 Zerega Avenue, Bronx, NY 10473, (718)828-9026; fax 828-9851.

IMT 542 40hp dsl, 600 hrs, \$5,200. 814-467-8839.

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JD 1010/2010 diesel crank, reground. GMC 6.2L diesel crank kit. 908-362-8101 days only

JD 2755 4WD; JD 245 Front End Ldr, 3-Bottom 314" Oliver Rollover Plows. 814-652-5604.

8' Disk 3 pth Athens HD Ontario Drill 13' 5D Rubber Tire; JD 8'6" W/1 Disk W/Cyl. 717-762-9394. No Sunday Calls.

Loader attachments. Bush Hog has loaders to fit over 1500 tractors and they are always 20% off at Toneytown Farm Equipment. 410-751-1500

Fire damaged Cat Challenger model 55, engine OK, low hrs, make offer. 717/445-6156.

Lancaster Farming, Saturday, January 1, 2000-C5

JD 6410 tractor, NEW, 4x4, Cab, Power Quad, \$44,500. 301-733-2195.

Ford 1310 4WD w/Ldr Nice. \$7500. 717-545-9120

Cleaning out Grandpa's barn: JD 1240 4R corn planter; MM corn sheller, model D; Ontario 800 grain drill; oil equipment shed kept, VG cond, 410-778-0408.

Brand new manifolds for tractors, 1930-1975. 507-433-0073 anytime.

JD 550 spreader, hyd drive web, hyd end gate, upper beater, tandem axle, used very little (610)458-5698.

White 6145 4wd, 1995,160hp,18-sp PS,3 remotes, 18.4x42, duals available, 2 PTO's, 1-owner, \$42,500 OBO. 717/426-2659.

FARMALL 300, narrow front, recent OH, \$2,500. 410-833-9091

IH 1066 Fender, motor oh 4 years ago, new TA 2 years. Good, strong, clean tractor, good rubber. Reduced to \$7,900. Zeisloff Eq. 800-919-3322.

FOR SALE: Small farm equipment, plows, packers, discs, harrows, mowers, crimpers, tedders, rakes, etc. Trade-ins welcomed. NH mowers, rebuilt and guaranteed, engines, hydraulics, crimper hookups available. KIRKWOOD REPAIR, 550 Coopers Dr., Kirkwood, PA 17536. 717-529-3299 8AM-8:30AM.

NH 1431 Haybine, Good Cond \$1400; THC 510 Grain Drill, Rope Lift, Clean \$1200; 2 BT Semi Mounted Plow for Farmall M. 814-445-4230. B/O.

Farmall Cub w/4' Int mower, snow blade & chains, \$2,500. LanCo, eves, 717-336-1282.

NI Uni System husking unit #726 w/2RW corn head, very good condition, \$500. 717/757-7177.

JD 4430 tractor, cab, air, dual remote, quad range, new brakes, \$11,500 OBO. 215-249-1826.

Meyers snow plow for JD 320, \$300. IH rear wheel wts \$100. 717-225-5656.

Wanted NH L35 skid loader, regardless of condition, running or not! and NH 912 or 1112 self-propelled haybine, any condition, since row stored O.K. 814-847-2402 lv msg

Chisel Plow Glenco 13' pull type w/removable 1' winas, \$750. 410-833-9091

MF 33 Drill New Single Discs, Grass, Cylinder, Nice, Asking \$675; Long H.D. 6', 3pt Rotary Cutter, Nice Asking \$475; 302-378-4726

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Farmall Super C w/snow blade and chains, \$1,675. LanCo, Eves 717-336-1282.

Case 2090, cab, very nice, \$10,800. Case 2290 new rearend, runs great, reduced to \$12,900. Both powershift & clean. Zeisloff Eq. Bloomsburg, PA Financing & Delivery Avail. 800-919-3322.

(2) 16hp generators w/ electric start, good condition. 717/866-2255.

Case 1200 TK 4x4, 120hp, 3pt, no PTO, 3,600 hrs, \$6,800. 814-467-8839.

JD 4RN Corn planter, dry fert, insecticide, monitor \$2,000. 570-345-1170.

IH 886, CAH, field ready, \$8,750. 410-833-9091

IH 1566 we used it all year! Excellent tractor, as nice as can be Found! Yes, we wanted \$10,500 now reduced to \$9,800. Very, very nice. Zeisloff Eq. 800-919-3322.

DMI 6R side dressing unit, excel. MGS 5th wheel trailer, excl. 610-588-7986

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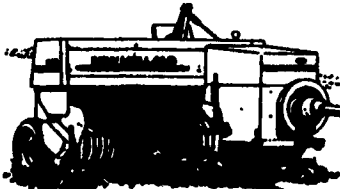
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Case 870 diesel w/cab, \$6,600. 814-467-8839

MF 670 tractor, cab, H&A, 55hp diesel, 12-spd syncro, 16.9x38 tires, 17gpm hyd., excellent condition, \$14,000; Mott 6' hammer knife mower, needs minor repairs, \$650; Natureform incubator, excellent condition, \$3750. 607/687-3469.

IH 1086 CHA 3 remotes. IH black strip1066 cab, sharp. IH 1066 fender. IH 784. Farmall 656D, NF. IH 3288 CHA, nice. 570-966-3483

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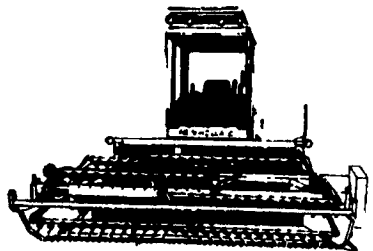
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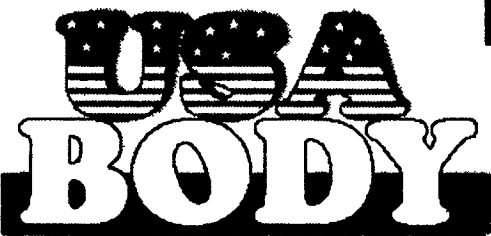
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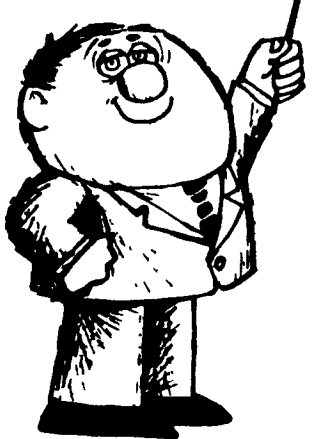
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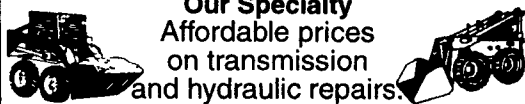
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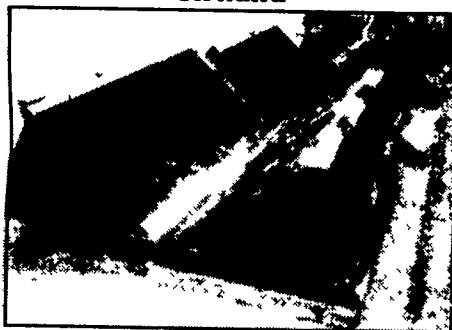
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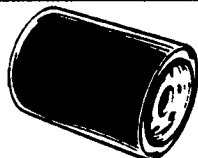
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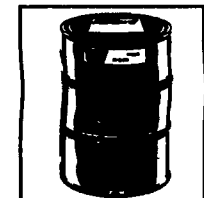


Hydraulic Oil Filter

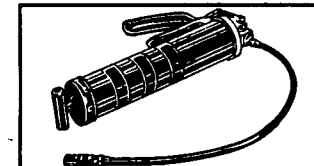
Fuel Filter

Air Filter Element

Oil Filter



Hy-Gard 30 Gal.
TY6238



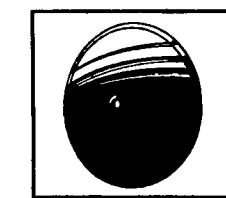
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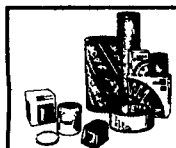
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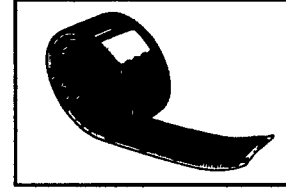
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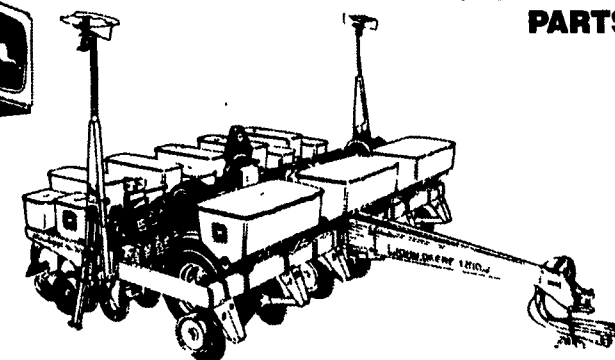
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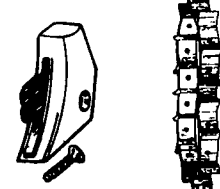


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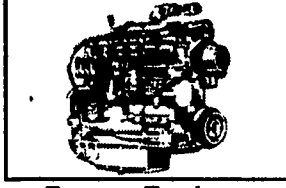
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AA31261 \$24⁶³

Planter Seed Brush
AA35660 \$3⁶⁵

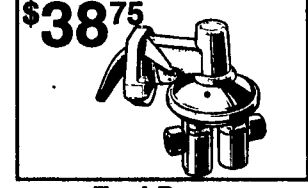
Seed Belt
A65266 \$5⁹⁹



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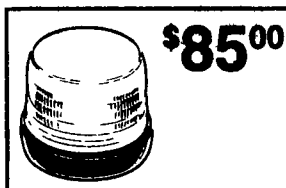
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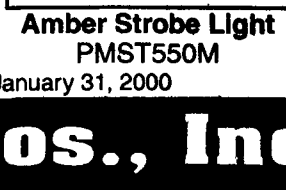
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Fancy Gleaner F2 combine, oh what a Dandy! Just arrived, super sharp, sheet metal, excellent condition. Only 2200 eng. hours. Priced Right \$11,900. Very rare to find in this cond. Zelskoff Eq. 800-919-3322. Financing Avail.

Ford Tractor Model 1164 4WD Wt 8.6 Ton, Sims Cab, 100HP + 8000 Eng. 3300 Hrs. \$8500. 570-729-7503.

Super sharp IH 5288, dual PTO, runs great. Year end priced, \$2,000 lower, only \$22,000. Zelskoff Eq. Trades & Financing Avail. 800-919-3322.

JD 4020 diesel WF, std shift. JD 3020 gas, PS. Both tractors are field ready. Lebanon Co. 717-867-5633

Winpower 18/30 alternator on cart with shaft, good condition. \$1,500 OBO (717)445-5969.

(2) New 700x15 LT 8 ply bias highway tires, \$55/ea. (1) Used 700x15 LT bias on 6 lug Chevy wheel, \$20. Assorted plates for Lenz plate mill. 717-866-7066 or 717-866-5270

1995 Hack Centerline, DT466, Allison 653, Eaton 26k, 65' booms, 1800 gal. SS, 60 gal. foam & rinse, Durco 3x2, Ravens 460, 60" Richways, Goodyear XTs 90%, 4250 hrs, excellent condition. 717/375-2229 PA.

JD A w/Wide Front End, Exc Shape, Shed Kept; C12B Hnewarner Excavator, Good Shape, \$6500; (2) Yearling Holstein Heifers; Bag of Grass Silage, 8x150. (570)253-5082.

JD 4020D, rebuilt eng, trans, brakes, good rubber, \$7,500; Case 350 Crawler/Ldr Dsl, Rebuilt Eng, Trans. Tracks Fair \$7,500; Penns Creek Welding sprayer, sweet corn, veg's, almost new, \$1,750. 410-658-8187.



Case '86 1450B Loader
Good Condition, Good Undercarriage, 2 1/4 Cu. Yd.
\$19,900



New Holland LX 565
Diesel, 40 HP, 1500 Lb. Rating, Like New
\$15,500



Cat Forklift Model X80F
Diesel, 7000 Lb Lift, Good Condition
\$16,900



Case 586D Diesel
14' Mast w/Side Shift, 6000 Lb Lift, Good Condition
\$15,900

TRACTORS

Maxxum 5130, 2WD, ROPS
Magnum 8910, 2WD, Cab
Magnum 8920, 590 Hours, 18.4x42 Radials
Farmall 140 w/Woods Mower

MANURE SPREADERS

Gehl 315 Scavenger
NH 680 w/Top Beater, Endgate
JD 450 Hydra Push, Endgate
NI 3739, 390 Bu., Endgate
NH 3743 Spreader, 43 Bu., Endgate, Top Beater

MISCELLANEOUS

Kidd Bedding Chopper, 3 pt. Hitch
IH 46 Vibra Shank, 16'
Caldwell 500 Bu. Grain Cart, Like New
Hutchmaster 12' Offset Disk Harrow

BACKHOES/SKID STEERS

Case 580E, Cab, 4WD, Ext.
Case 590SK, Cab, 4WD, Ext., 2,200 Hours
Case 580SL, Cab w/Air, 4WD, Extendahoe
Case 590SL, Cab, 4WD, Ext., 3,000 Hrs.
JD 300D, 4WD, ROPS, Ext., 1600 Hrs.
Skat Trak 1300 HD, Diesel
NH LX585, Like New
Case 1825 Unloader, Diesel, 48", 150 Hours
Case 1830 Unloader, Gas, 34 HP, 60" Bucket
Case 1835C Unloader, Diesel, 1700 Hours

HAY & FORAGE

Case IH 600 Blower
Case IH 600 Blower
NH 415 Disc Mower
New Holland Forage Blowers
NH 456 Sickle Bar, Pull Type
Vicon 321 Disc Mower Conditioner, 10' Cut
New Idea 5407 Disc Mower, 3 pt., 7' Cut
New Idea 5408 Disc Mower, 3 pt., 8' Cut
Gehl 1540 Forage Blower
Gehl 940 Forage Box, Roof, Single Axle
Gehl 865 Harvester, 2RN

GRINDER MIXERS

Gehl MX170
Gehl 100 Grinder Mixer w/Scales
Gehl 65 Grinder Mixer

A. L. HERR & BRO

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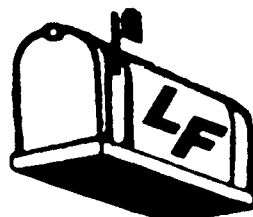


CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

CALL 717-626-1164 TO
ADVERTISE YOUR LINE AD OR
DISPLAY BOX AD IN OUR PAPER



NOTE: Please do not use this form for Mail Box Market Ads, see instructions with Mailbox Markets.

Name _____

Address _____

City _____ State _____

Zip _____ Phone (____) _____

Please publish my ad _____ times

starting with the _____ issue. Classify under

_____ I enclose _____

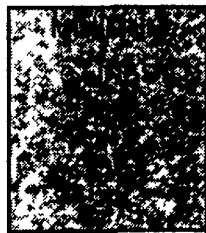
☐ Check Enclosed
☐ Visa (13 or 16 numbers)
☐ Mastercard (16 numbers) (Be sure to include all numbers)
☐ Discover (16 numbers)
Card # _____
Exp. Date: _____ Signature _____

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: \$1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

DEADLINES:
SECTION D - WEDNESDAY AT 4:00 P.M. SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION

ADS MUST BE RUN 3 TIMES IN A ROW TO RECEIVE ANY PRICE BREAK
IN ORDER TO GET THE CORRECT COST, PLEASE USE ONLY ONE LETTER
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4 Lines 6.64

5 Lines 8.30

6 Lines 9.96

7 Lines 11.62

8 Lines 13.28

9 Lines 14.94

10 Lines 16.60

Add't Per Line
\$1.66 Each



2 TIMES
3 LINES
COST
\$ 9.96

13.28

16.60

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26.56

29.88

33.20
Add't Line
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3 TIMES
3 LINES
COST
\$13.77

18.36

22.95

27.54

32.13

36.72

41.31

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Lancaster Farming
1 E Main St
Ephrata, Pa 17522
717-394-3047
or Litz
717-626-1164
FAX 717-733-6058

PHONE HOURS:
Mon., Tues.,
Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories
are available for your
classified advertising
in Section C Deadline
Wednesday afternoon at 5
of each week's publication.

1 - Farm Equipment
1b - Specialty Farm Eq.
2 - Farm Eq. Wanted

The following categories
are available for your
classified advertising
in Section D Deadline
Wednesday afternoon at 5
of each week's publication

1a-Construction Equipment
3-Silos and Unloaders
4-Building and Supplies
5-Grain Equipment
6-Dairy Equipment
7-Livestock Equipment
8-Cattle
8a-Exotic Animals
9-Horses & Mules
10-Sheep & Goats
11-Swine
12-Artificial Breeding
13-Hog Eq. & Supplies
14-Poultry & Supplies
14a-Rattles
15-Feed & Seed
16-Fertilizer
17-Plants
18-Fruits & Vegetables
19-Nursery
20-Lawn & Garden
21-Services Offered
22-Custom Work
23-Help Wanted
24-Situations Wanted
25-Business Opportunities
26-Household
27-Pets
28-Lost
29-Found
30-Computers
31-Notice
32-Miscellaneous
32a-Antiques
33-Recreational Vehicles
34-Autos
35-Trucks & Trailers
36-Real Estate

One fair model 848 twin fan heavy duty 8 foot wide snowblower requires 150 hp. 717-866-4388.

WANTED: Cab roof for 4420 JD. Late 4400 will fit. Need 28L26 tires & rims. 410-848-4868

(2) Gleaner F2 combines, reduced to \$7,900. Good cond., year end clearance. (3) JD4400 combines all reduced, Gleaner K, cheap. MF550 \$4,900 (Diesel), JD 6600 sidehill \$4,000. JD 6600 \$6,500. We're serious about moving these this year! Zeisloff Eq. 800-919-3322.

Belt Loader Athey 7-11, Def. Pwr. w/side discharge, \$3,500. New rubber. 410-833-9091

Ford County (6) 113hp, 4x4, cab, \$5,800. 814-467-8839.

1989 IR air compressor, 130 CFM. 1990 IR air compressor, 185 CFM. 150,000 & 600,000 BTU Ready Heaters. 717-866-7822

MF 150 tractor, good rubber, P/S, 1,000 hrs. 570-222-9020.

75KW Winco Auto Stand-by Generator. 270 Hrs \$6,000/obo. 540-833-8315.

JD 4520, ROPS, Cab, 3 Pt., PTO, 2 Hyd., 18.4x38 @ 60%, 125 hp, \$7,750. 410-833-9091

JD 3020 gas, WF, over \$5,000 spent on tractor within the last 100 hrs, exc mechanical cond, \$7,500. JD 24T baler w/30 ejector, good cond, used this season, \$1,350. Fahnstock Farm Service, 717-866-7066.

Kubota B6000, 4x4 w/3 pt. Bush Hog, \$3,200. 410-833-9091

JD 4440, 3 hyd., 18.4x38 tires, PS, price \$20,000.00. Call 856/769-4025.

100KW generator with 671 Detroit, 1280 hrs, 6600 combine John Deere 570-374-8667

Agco Allis 6690, 900 Original Hrs., Like New... CALL
Bobcat 843 skid steer.....\$9,800
MH 44 w/OEM, WF.....\$2,500

NEW EQUIPMENT

Creek Bank baler rack wagon.....\$2,295
Poly Square calf hutches.....Call For Best Prices
(2) Kiota LK 3054, 30hp, 4WD.....Call
Kiota LB 1914, 20hp, 4WD.....Call
Kiota LK2552, 25hp.....Sale for \$7,995
Lely 8 and 10 Wheel, Hyd. Fold Rakes.....CALL
Horst Wagon Gears, 8 to 12 Ton.....CALL
Same Power Units, 1054 Pt., 78 hp.....\$3,900

ALLEN HOOVER REPAIR

RD1 Box 226, Mifflinburg, PA 17844
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JD 2555

cab, air,
hi-lo,
2 hyd,
540/1000
RPM,
3,600 hrs.,
nice &
original

\$20,300

Edwin Horning & Sons
717-733-7408



Never Tub Grind Again!

Cut hay bales of
any size right in
your TMR mixer!
Even wet bales!

Increase production and improve herd health with a TMR from an NDE Vertical Cutter/Mixer/Feeder -90% fewer moving parts than ordinary mixers!

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Liquid or Dry Storage Tanks Available!
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YINGLINGS EQUIPMENT

3221 Tancytown Rd., Gettysburg, PA

We Wish All Our Friends & Customers
A Happy & Prosperous New Year!

JUST ARRIVED: Int. 1020 Collector; AC D14, WF 3pt; MH 33, 3pt., Collector; 2 Snow Plows for 154 LoBoys

RUNNING: Massey 3165 Loader; Case 830 WF

JUST ARRIVED FOR PARTS:

(2) Case 400; JD 6600 Combine; JD 404 Strong Running Engine, IH 301 Engine, strong; Farmall Super A, AC 660; AC WD; AC CA; Complete power steering unit for 600 or 800 Ford

PARTS FOR: Most Tractors, Balers & Haybines, Hay & Combines, Kubota & Cub Cadets

NEW & USED EQUIPMENT "Accepting VISA and MasterCard"

717-359-4848



Oliver 1850 HFWD,
Diesel, PTO, 3 PTH,
Engine Stuck
Best Offer

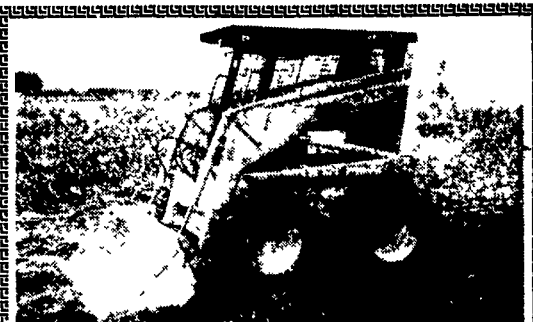
Long 560 MFWD,
Diesel, PTO, 3 PTH
\$4,900

610/345-0644

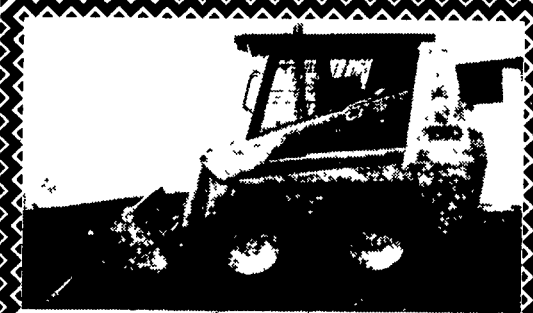
Leona Metzger



Case 2390, 1700 hrs., excellent
\$21,000
(717) 569-4383



1996 1845C Skid Loader
98 Hours, Like New \$18,700
717/529-2641, 717/529-6359
No Sunday Calls



CASE 1840
1995 Aux. Hyd., Weights, Lights, Bolt
On Cutting Edge, Good Cond.
\$11,200 (717) 336-4024

YEAR END INVENTORY CLEARANCE SALE



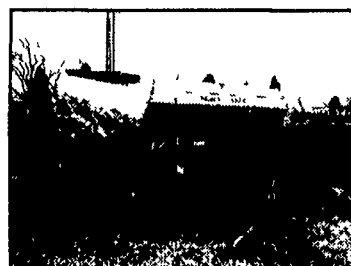
Ford TW35, 4WD, 175 HP, Nice (A)



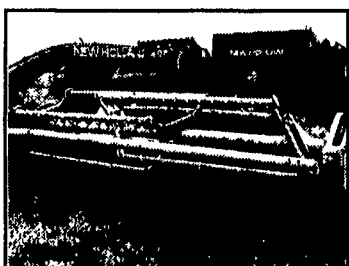
New Holland 781 Skid Loader (A)



IH 1086 Tractor w/Cab, Excellent



NH 308 Spreader



NH 499 Hydro Swing Haybine, 12'



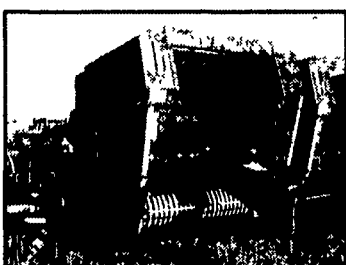
411 NH Discbine, Nice, Starting at \$4,900



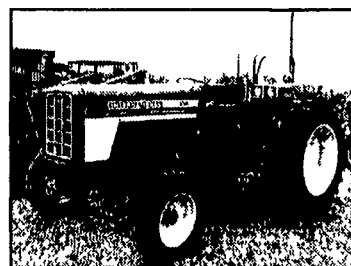
Miller Pro 41" Straight Wall & Lagoon Pump
w/Filter & Pipe 7 Bank Valve, Demo
Was \$46,900 Only \$9,500



Deutz DX160, 60 HP, New Engine
Overhaul, 3303 Hrs, \$13,500



853 NH Baler, Flotation Tires, Twine Wrap,
Very Nice Cond Was \$9,500, Now \$7,400



IH 484 Tractor, 42 HP



IH 3088, Dual PTO 4273 Hrs.
Was \$14,900 A Steal at \$11,900



1496 NH Haybine, Diesel Hydro
Was \$42,900, \$44,500, \$9,500

- TRACTORS**
- Case IH 5130 2WD, Cab
 - Ford 6600 (A)
 - Case IH 5140 4x4 w/Cab
 - Ford 3910 4WD w/Loader (A)
 - Ford 4000 (A)
 - Case IH 685 w/Cab, 2WD
 - Case IH 1594 Tractor
 - IH 284 Tractor 4x4 w/Loader
 - IH 606 Tractor (A)
 - Ford 800 w/Loader
 - Case IH 885 Tractor
 - NH 2761 - BI-Directional Tractor w/Loader & 12' Haybine Head
 - IH 5288 w/Duals, 2WD, Cab
 - IH 3088 Tractor
 - Ford N.H. 6635, 4x4, Cab
 - MF 283, 67 HP, Excellent
 - Deutz DX 160 HP, Cab
 - IH 1086 Tractor w/ROPS, Ex.!
 - Ford TW35, 4WD, 175 HP, Nice!

- COMPACT TRACTORS**
- Ford 2120 w/Loader
 - Farmall Cub, Front Blade & Mower
 - Ford 1920 w/Loader (A)
 - IH 284 4x4 w/Loader
 - IH 234 w/60" Deck
 - Kubota B6100 w/48" Deck
 - Kubota B6100, 48" Deck & Snow Blower
 - Kubota B6200 w/60" Deck
 - Kubota L345 w/Loader
 - Ford 1700, 2WD (A)
 - NH 2120 4WD w/Loader
 - IH 254 w/6 Ft. Mower

- SKID LOADERS**
- NH LX565 Skid Loader
 - NH LX885 (A)
 - NH 781 Skid Loader
 - Case 1838 Skid Loader (A)
 - NH L250 w/Bucket
 - NH 555 Skid Loader
 - Scat Trak 5062 Skid Loader
 - NH L775
 - NH 885 Skid Loader

- SPREADERS**
- NH 382 Side Delivery Spreader
 - JD 780 Hydro Push Spreader - Nice
 - NH 329 Spreader (A)
 - NH 329 Spreader
 - JD 54 Spreader
 - NH 795 Spreader, Hyd. End Gate, Top Beater
 - NH 308 Spreader
 - Side Discharge
 - NH 306 Spreader, Side Discharge (A)
 - JD 350 Spreader (A)

- PLANTING & TILLAGE**
- NH OD 200 Disc Harrow 12' Plow Disc - Ex. Cond.
 - Brillion 14' Packer w/Transport (A)
 - Brillion 13' Shank Chisel Plow (A)
 - IH 55 Chisel Plow
 - Ford 2 Row Cultivator
 - Brillion BRH 630 6-Row Cultivator
 - 13' Danish Tine Harrow
 - Brillion 25' X-Fold Packer

- USED LAWN & GARDEN**
- JD LX188 w/44" Deck - Like New!
 - (2) Kubota T1600 Lawn Tractor, Diesel, 44" Deck
 - Hustler 340 w/60" Deck & Vac
 - JD 14 HP Commercial Mower w/Sulkey
 - Steiner 220 Diesel
 - Steiner 420 4x4 Diesel w/15 Hrs
 - Cub Cadet 682, 44" Mower
 - Kubota GF1800 4WD, 54" Deck & Catcher
 - (2) Steiner 420 4x4

- HAY & FORAGE**
- NH 103 Bale Wagon
 - NH 680 Big Baler
 - NH 163 Tedder (A)
 - NH 255 Rake Tedder (A)
 - Miller Pro 18' Forage Box
 - Vicon Disc Mower
 - NH 900 Forage Harvester w/3R Corn Head & Pickup
 - NH 415 Discbine (A)
 - NH 326 Baler
 - Gehl 1580 Blower
 - NH 442 Disc Mower, 3 Pt.
 - IH 1490 Hydro Swing 12' - \$1,500

- FORAGE BOX**
- Hesston F16, Tandem Axle, Roof, 3 Beaters

- Case IH 8420 Round Baler - Ex. Cond.
- Fargo HI Lift Side Dump Wagon
- NH 1037 Auto Bale Wagon
- IH 27 Sq. Baler
- NH 1190 Mower/Conditioner
- NH 415 Discbine
- Farmco Hay Rack Wagon
- Hesston 1060 9' Disc Mower/Cond.
- Hesston 1071 7' Mower/Cond.
- NH 1496 SP 12' Haybine - 1470 Hrs.
- NH 492 Haybine
- Hesston Stack Wagon
- NH 595 Big Baler
- NH 254 Rake Tedder (A)
- NH 282 Baler w/Thrower (A)
- IH 86 Hay Rake
- NH 489 Haybine
- NH 654 Round Baler (A)
- NH 411 Discbine
- Deutz Allis KS 1503 Rotary Rake
- NH 2450 SP Haybine w/14' Head (A)
- Hay Wagon
- NH 853 Round Baler Netwrap
- NH 853 Round Baler
- NH 499 Hydro Swing Haybine 12'
- NH 40 Blower, Excellent

- CONSTRUCTION & INDUSTRIAL EQUIP.**
- Wain-Roy Tractor Loader/Backhoe
 - Ford 345C Tractor Loader
 - Ford 655E Tractor Loader/Backhoe

- MISCELLANEOUS**
- JD Gator (A)
 - ARPS 70 Backhoe (A)
 - ARPS 90 Backhoe (A)
 - Brady Flail Shredder
 - 32" Tree Digger
 - NH 355 Grinder/Mixer
 - McCurdy Gravity Box w/2 Bins & 2 Drs. on 12-Ton Gear, Ex.!
 - Ford 7411 Loader w/84" Bucket, Mounting Kit For 4630 Tractor - Like New!
 - Gehl 135 Grinder Mixer
 - Surge 30 KW PTO Generator on Cart
 - Steiner RS 548 54" Rotary Broom
 - John Blue Sprayer, 300 Gal. Tank
 - 1979 White Western Star 24' Dumpbed
 - Fidelity 50 KW Generator w/Cart
 - JD 27 Flail Shredder
 - 41" Miller Pro St. Wall & Lagoon Manure Pump
 - Hanes Potato Grader w/36' Loader Conveyor
 - (1) Woods RM48 Mowers

Consignment Auction
Sat., March 11

MESSICK FARM EQUIPMENT INC.

Rheems Exit - Rt. 283, Elizabethtown, PA

717-367-1319, 717-653-8867

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CASE III



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1. Staked Bolts - Reduced breakage - Quicker changeover - Less down time
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Raydex

Available only through Ag ONE, the parts line from White-New Idea.

WE STOCK GENUINE RAYDEX TILLAGE PARTS 10% OFF

AGCO® FILTERS

- Our filters are 99% guts
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- Made to OEM specifications

15% OFF



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GLEANER PARTS
DURING OPEN HOUSE**

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**YOUR WHITE PLANTER
PARTS HEADQUARTERS**



PLANTER PARTS UP TO 15% OFF

852628 Opener Disc.....\$19.85
W247702B Seed Chute.....\$80.84

ALL SPECIALS ARE CASH & CARRY ONLY!

AGCO® LUBRICANTS

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- Custom Additives
- Meet/Exceed OEM specs.
- Protect your warranty

25% OFF



**10%
to 25%
OFF
All AGCO
PARTS**

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ONLY Per Tube

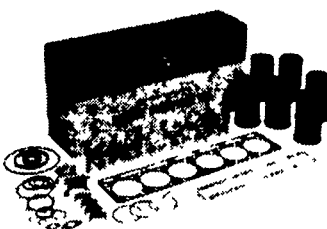


Schedule Now!

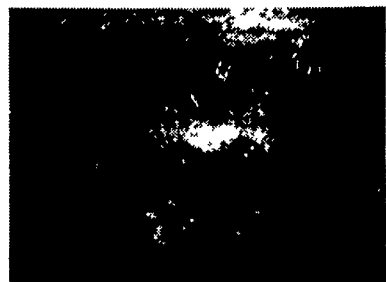
SAVE!

ENGINE OVERHAUL KITS

#790 15489.....	\$884.38
Fits - AC 175, 180, 185, 190 & 190XT	
#790 15493.....	\$1161.08
Fits - AC 8030, 8050, 8070 Gleaner L-2 & L-3, M-2 & M-3	
#790 15491.....	\$884.38
Fits - AC 7010, 7020, 8010	
#79016791.....	\$860.72
Fits Oliver 1650D, 1655D.....	



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10% OFF
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No Payments/No Interest For 6 Months
On Major Repairs
Preferred Farm Plan Account Required To Be Eligible

**Schedule Your Repair Work
Now During Open House Week
Thru March 15**



Genuine Parts - Making a difference in the long run!

FARM EQUIPMENT

WANTED: Old motorcycles, minibikes, scooters, ATVs, etc. Private collector. 610-692-6079.

JD 620 w/fully hyd. Dual loader, WF, PTO, no 3 pt., very clean & nice, \$4,250. 410-833-9091

JD 2950 F.W.D. SHARP Tractor, excellent runner, radial tires. Be fussy & this will suit you. Reduced from \$24,500 to \$23,500. Zeisloff Eq. 800-919-3322.

JD 4455 Tractor, Cab, Power Shift, Nice \$35,500. 301-733-2195.

NH 273 square baler w/ #54 thrower, \$1500; Catch wagon \$900; Hesston PT7 haybine \$1800; Miller Pro 900 rotary rake \$2500; NH 634 4x4 round baler, only baled 125 bales, \$9000. 570/477-5171.

Gehl 170 21" hammermill, all hyd, 12' auger, blower, scales, excel. cond. 717-529-6744

JD 1520 Rebuilt Eng New Rear Tires, \$4200; Brillion Roller Harrow 24' \$3500; Great Plains 20' Folding Drill \$7,000; 717-362-3773 Evenings.

Just purchased (2) JD4430's coming soon. Sorry last 2 sold off of truck. Call Zeisloff Eq. 800-919-3322.

Manure spreaders, New Idea ground drive. Buy, Sell, Trade, Repair. Lancaster Co. 717-786-3387

MAKE OFFER on combine Trade Ins, We're serious to move before end of year! Zeisloff Eq. 800-919-3322.

IH 1468, cab, duals, 3 pt., PTO, 2 hyd., \$7,500. 410-833-9091

500,000 BTU Jackson & Church hot air furnace, city or LP gas, like new, \$1500. 717/776-7725.

M.F. 1100, 95/hp diesel, m.p., good cond. \$6,500. 814-467-8839.

DMC grain cleaner, 10' lift auger. Purchased new 11/96. \$5,250. Call 215-453-2901 (9am-4pm).

Hesston Stackhand #10 & Stackhandler \$2,000 OBO. 717-762-8532.

IH 1466 cab, runs good, weak TA, good rubber, cheap h.p., only \$6,900. Looks good. Zeisloff Eq. 800-919-3322.

Case 930 Wheatland w/ Cab & Front Blade, \$4,000. 410-833-9091

CAT D2 Total Rebuild Pony, Engine, Final Drives, PTO & Winch & 4-Way Blade Included \$6,500 908-475-5765 Have All Receipts. 908-475-5765.

Case 1070 100hp dsl, cab, power shift, \$6,600. 814-467-8839.

JD 4020 Dsl, Power Shift, No Console, \$6900/obo. 732-946-8840.

WANTED TO BUY: Scrap metal. Highest price paid. 717-284-2800 Lancaster Co.

JD 675B skid loader, aux. hyd, good cond. \$8200. JD 8200 grain drill 7x13 w/ gross \$1600. 717-532-6146

Deutz DX130, 2WD, 4 post \$7,250. Deutz 50hp engine w/clutch \$2,500. 717-354-7267.

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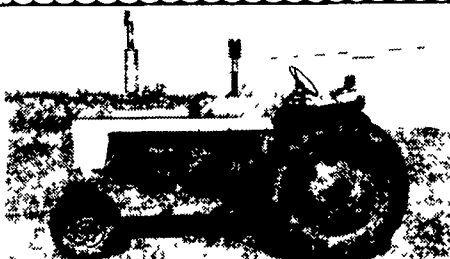
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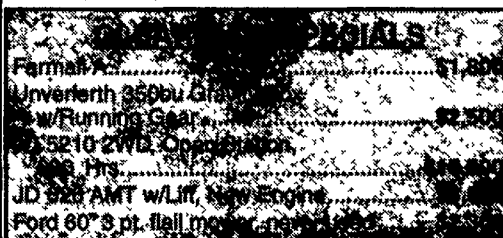
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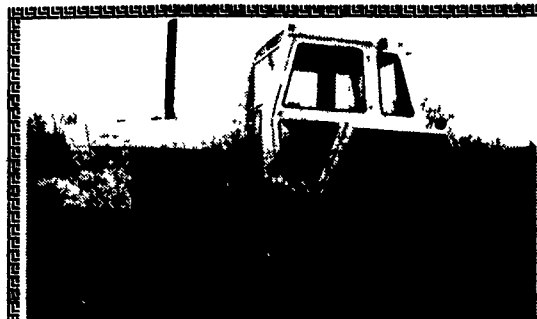


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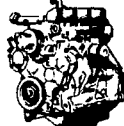
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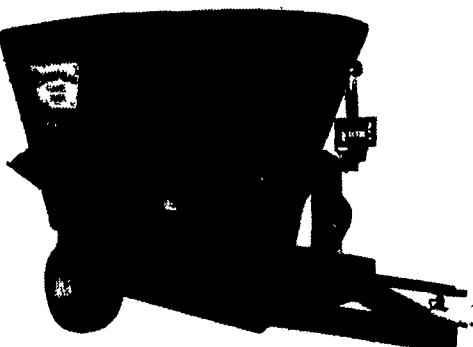


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USED
JD 450 Drill 8' Wide
JD 4R 1240 Planter
AC 4R No-Till Planter
White 6R 5100 Seed Boss
No Till Planter
JD LF 10 Fertilizer
Spread
JD 8300 DD 18x7
JD 8300 Drill w/harrow
attach.

MISC.

NEW
Model 200 Mahoning
Outdoor Furnace
JD 709 Pull Type
Cherokee Post driver
616 Rotary cutter
413 Rotary cutter
717 Rotary cutter
Unverferth header wagon

USED
40' Hay & Grain Elevator
Bushhog 160 13' Rotary
Cutter
JD 27 Flail Chopper
JD 25A Flail Mower
Superior 6x50 PTO Auger
(2) Potato Bulk Bodies on
Trailers
NI 217 Manure Spreader
JD F725 w/54" Deck
F932 w/60" Deck
Flatbed Farm Wagon
w/Sides

Best Buys in Used Equipment

MUST SELL \$10⁰⁰
Any Reasonable Offer Over

Oliver Grain Drill
JD Grain Drill
(5) 99 Gehl Blowers
IH 56 Blower
NH 469 Mower
Ford 5 Bottom Plow
IH Direct Cut Head(2)

Gehl Corn Head 2RW
NH 518 Spreader
NI #7 Picker
Husky Recutter Blower
NI 218 Top Beater
New Holland 479 Haybine
New Idea 311 Corn Picker

Kools Blower
Hesston Forage Box
NI #17 Spreader
Gehl Pickup Head
Hesston 1090 Mower

TRACTORS

Coming In
• CIH MX100 Cab
• CIH MX100, MFD, Loader
• CIH 8920 MFD
• CIH 7110 - \$36,000
• **CIH 7120 - \$30,000**
• **CIH 7210 - MFD - \$52,000**
• CIH 7220 - \$49,000
• **CIH 7240**
• CIH 585 w/2250 Loader
• CIH 885
• Case 995
• Case 1070
• Case 1690
• IH 140
• IH 186 Hydro
• IH 444 w/Loader
• IH 966 Hydro
• IH 1066
• AC 180
• AC 7060
• Ford 3000
• JD 2840 w/Loader

HAY EQUIPMENT

• JD 510 Round Baler
• NI 486 Round Baler
• Hesston 1160 (Like New)
• NH 116 Hay Mower, 16 ft.
• Hesston 1010 Mower
• JD 920 Disc MoCo (nice)
• Vicon 3200 10 ft. Disc Mower
(nice)
• JD 1219 Mower Conditioner
• Hesston 1150 12 ft. Mower
• IH 1190 Mower
• NI 290 Mower
• 7 ft., 3 pt. Disc Mower
• JD Bar Rake
• JD 762 Hyd. Drive Rake
• Pequea Tedder

TILLAGE

• IH 6 B18 Plow
• MF 4 Bottom Plow
• JD 345 3B Auto Reset
• MF 880 5B Auto Reset
• IH 5B Auto Reset
• JD 2500 6B-18 on-Land Plow
• IH 370 12 ft. Disc
• Krause 18 ft. Disc
• AC 20 ft. Wing Disc
• JD 630 Disc (Like New)
• JD 4 Row Cultivator
• JD 14 ft. Field Cultivator
MISCELLANEOUS
• Balzer Platform Feeder
• 30 ft. Elevators
• White 5100, 6RN Planter
• JD 7000 6R Planter
• JD 8350 Drill - 21x7
• (3) Weavertine 430 Cart
• NI 3639 Tandem Axle Spreader
• NI 362 Spreader
• NI 3626 Spreader
• Gehl 315 Spreader
• NH Tandem Axle Spreader
• IH 1250 Grinder/Mixer
• **Rissler Portable TMR**
• Farmaster TMR
• 3 pt. Bale Shredder - \$500
• JD Axle Duals - 20.8x38
• 18.4R38 on Rims - 90%
• Ford F250 Utility Box
• Ford F450 Rollback

HARVESTING EQUIPMENT

• Hesston 7020 Harvester
• NI 868 Forage Harvester
• **Hesston 7650 Harvester (Nice)**
• Gleaner R-62
• Gleaner N6, 2 Heads
• Gleaner 20 ft. Flex
• **JD 4420 Combine w/213 Flex**
• **NI 705 Uni**
• (2) NI 2-Row Corn Picker
• NI 838 Corn Picker
• NI 774 Corn Head
• (4) Case IH 600 Blowers
• Farmhand Grinder Blower
• **Miller 4012 Dump Wagon**
• Miller 5100 Wagon
• NH 8 Wagon
• **Meyers 3518 Forage Wagon**
• Meyers 518 Forage Wagon
• JD Forage Wagon
SKID LOADERS
• Case 1830
• **Case 1840 1100 Hrs.**
• Case 1845 - \$6,000
• Case 1845C (3 Yrs. Old)
• Case 1845C, 530 Hrs.
• Case 580B
• Case 580SL
• Case 584 Forklift
• Woods 9000 Backhoe
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White 2110 Tractor, 4WD
White 6085 Tractor
White 288 Tractor
White 435 Disc Chisel
White 281 10' Offset Disc
White 5100 6R Liquid
White 6100 6R Planter
Kinze 6R Planter
White 5400 4R Planter
JD 7000 6R Planter
Gleaner 6R 30 Hugger Head
NI 5112 Mower Conditioner
Hesston 1160 14' Windrower
Fox 2200 Forage Harvester
Miller Pro Forage Boxes in Stock
NI 3632 Spreader
NI 3622 Spreader
NH 795 Manure Spreader
IH 6200 Drill
Westfield 8x51 Auger

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9 HP	GX270	Recoil	\$465
11 HP	GX340	Recoil	\$545
13 HP	GX390	Recoil	\$555
18 HP	GX610	Recoil Tank Muffler	\$1135
20 HP	GX620	Elec. Start Tank or Fuel Pump	\$1295
5.5 HP	GX160	Elec. Start	\$416
9 HP	GX270	Elec. Start	\$605
11 HP	GX340	Elec. Start	\$660
13 HP	GX390	Elec. Start	\$666

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INT: 3230 w/loader; 1586 w/cab; 1486 w/cab; 1468 w/cab; 1066 w/cab; 966 w/cab; 986 w/cab; 885 4WD w/Cab & Loader; 885 w/cab; 885 cab w/loader; 884 w/loader; 856 w/cab; 695 4WD w/loader; 686; 685 4WD; 674 w/loader; 666

JD: 2950 cab 4WD; 2840, 4440 w/cab; 4020, 4020 w/cab & PS; 3040 w/cab; 2555 w/loader; 310A backhoe loader w/cab; MF 285; MF 255; 235; 1080; AC 7040 w/cab, PS

Misc.: IH 2250 loader, (2) Brillion seeders; sickle bar mowers; Woods 15' batwing mower; used 16' stock trailer

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MF 250 Diesel
Int. 484 Dsl. w/QT Loader
Int. 574 Gas
Int. 3088
Int. 2500A w/QT Loader, Farmall 706 Dsl, WF, 3 pt.
Ford 3550 w/loader, Sims Cab
Ford 545A Diesel w/loader
2600 Ford **SOLD** PS
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Int. 140's w/Mid Mowers
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JD 165 Hydro Mower w/Snow Blower
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Pyramid 6 Ft. 3 Pt. Blade, New
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JD 955 Diesel 4x4 Hydro with 70-A Loader, 1,500 Hrs.
JD 1070 Diesel 4x4 with 440 Loader, Dual Hy., 800 Hrs.
JD 1070 Diesel 2WD with 440 Loader Dual Hy., 949 Hrs.
JD 2040 Diesel 2WD with 145 Loader Rear Hy., 4,142 Hr.
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JD 261 6 Ft. 3 Pt. Finishing Mower
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Gehl 6 Ft. 3 Pt. Box Scraper
Ferguson 2-B 3 Pt. Plow
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HD 3 pt. Hitch for Front Tractor Mount
MF 250 Diesel
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Int. 574 Gas
Int. 3088
Int. 2500A w/QT Loader, Farmall 706 Dsl, WF, 3 pt.
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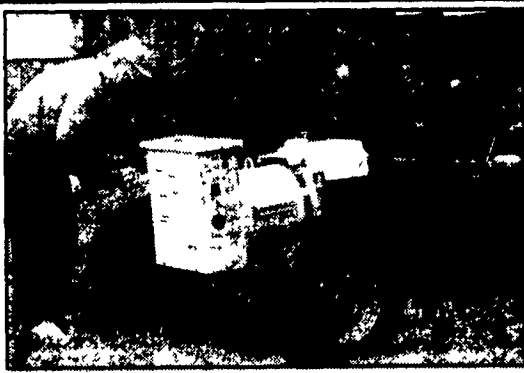
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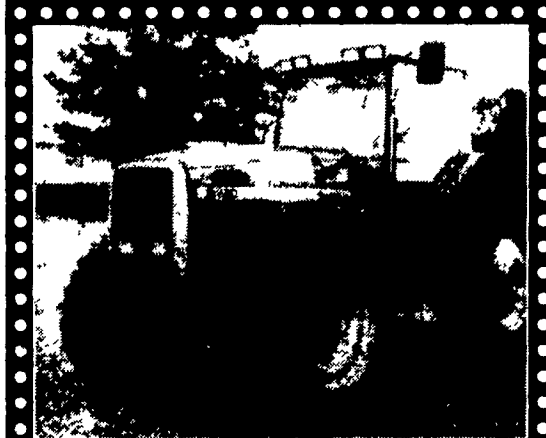
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 JD M w/Snow Blade NH L553 Skid Loader
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 JD 2440 w/145 Loader D - JD 1949
 JD 2355 Like new,
 JD 950 w/rear mower sharp
 JD 420 Crawler w/Ldr
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 JD 4R, 7000 Planter IH 496 22' Wing-Fold Disc
 NH 56 Hay Rake JD 51 Mower
 Pequea 4 Rotor Hay Tedder, new JD 25A Flail Mower
 Pequea 710 Hay Tedder JD 415 Rotary Hoe
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MF 30B Diesel with Loader.....	\$8,900
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1995 Claas 820 Harvester, 4x4, 1200 Cutter HR.....	\$120,000
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Claas 4-6 row Corn Heads in Stock "Row Heads".....	CALL
83 New Holland 1900 4-Row Auger Base Corn Head with Hay Pickup, 1562 Hrs.....	\$34,000
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1995 JD 3970 Harvester With 3 Row Corn Head and Hay Pickup.....	\$16,900
JD 3960 Harvester, 2 Row Corn Head, 7' Hay Head.....	\$7,800
JD 3950 Harvester, 2 Row Corn an Hay Pickup.....	\$10,500
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Lucknow 220 TMR Mixer Wagon.....	\$12,500
Lucknow 285 TMR Mixer Wagon.....	\$4,900

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New Holland 650 Round Baler 46x72.....	\$8,500
1200 Claas Sq Baler 27"x48"-8' Demo Model.....	\$45,000
JD 335 Round Baler, 46x51.....	\$7,800
NH 634 Round Baler (Like New 500 Bale.....	\$9,600
Claas 66 Baler 4x5.....	\$9,000
Claas 1550 dual Rotary Rake 21'.....	\$5,600
Hesston 550 Baler 46x75.....	\$7,900
Demo Vicon 1511E 5x6 Round Baler.....	\$9,900

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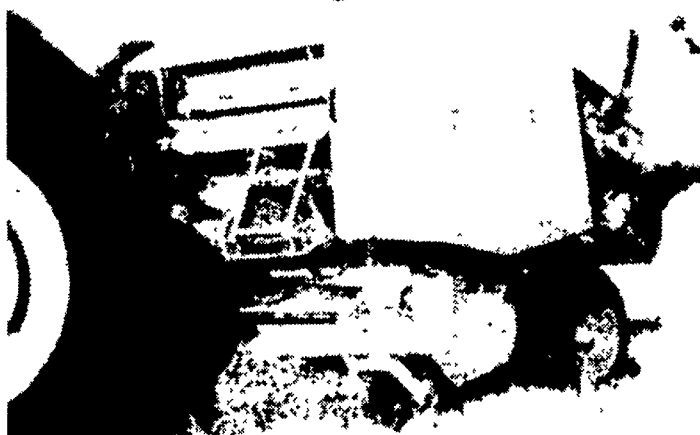
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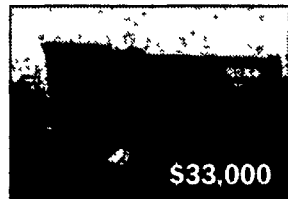
\$20,800

C 21934 1982 IH 1420 2WD Combine, 2200 Hours 23.1 x 26 Front, 10.00 x 16 Rear, Standard Rotor, Field Ready Combine



\$19,800

B 16020 1984 IH 1440 2WD Combine, Tires 24.5 x 32 Front, 18.4 x 16.1 Rear



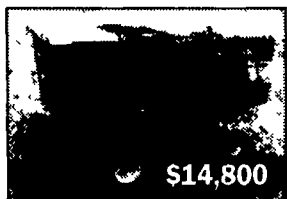
\$33,000

B 17263 1985 IH 1460 2WD, 2528 Hours, Tires: 30.5L x 32 Front, 18.4 x 16.1 Rear, Straw Chopper, Monitor, Chaff Spreader



\$26,800

C 30220 IH 1460 2WD, Extended Uni Auger, Specialty Rotor, G1 Monitor, Cab w/AC, Heat, Drive: 281x26, Steering: 18.4x16.1, Rebuilt Trans, New Hydro, Updated Elevator Jackshaft, 4125 Hours



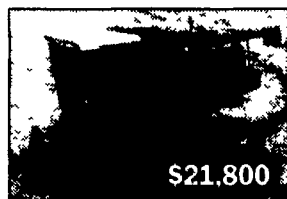
\$14,800

A 22233 1978 IH 1460 2WD Combine, 3615 Hours, Tires: 28L x 26 Front, 11.00 x 16 Rear, Standard Rotor, Field Ready



\$25,500

A 22345 1981 IH 1460 4WD Combine, 3100 Hours, Tires: 30.5 x 32 Front, 14.9 x 24 Rear, Standard Rotor, Chopper, Excellent Mechanical Condition, Hooper Uptime Service Has Been Done



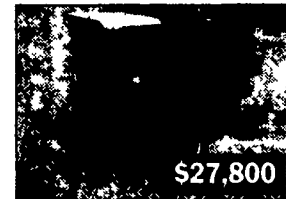
\$21,800

A 21493 1982 IH 1480 2WD Combine, 4640 Hours, Tires: 30.5 x 32 Front, Specialty Rotor, Chopper, Field Ready Combine



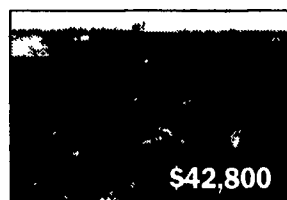
\$25,800

A U1001 1983 IH 1480 Combine, 5127 Hours, Tires: 30.5 x 32 Front, 18.4 x 16.1 Rear, Specialty Rotor, Good Sheet Mill, Hooper Uptime Has Been Done



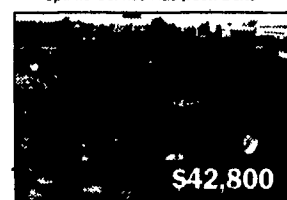
\$27,800

A 20240 1984 IH 1480 2WD, 3607 Hours, Tires: 30.5 x 32 Front, 18.4 x 16.1 Rear, Specialty Rotor, Grain Loss Monitor



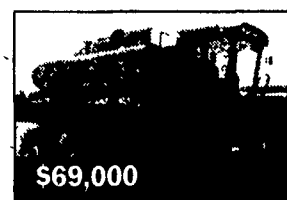
\$42,800

B 15933 1989 CIH 1640 2WD Combine, 2387 Hours, Tires: 28L x 26 Front, 12.4 x 16 Rear, Specialty Rotor, Chopper, Monitor, Rock Trap



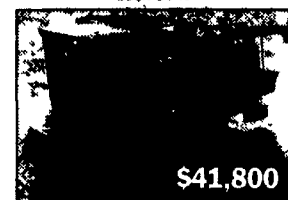
\$42,800

A 16903 CIH 1660 2wd Diesel, Drive Tires: 26.5x32, Steering Tires: 14.9x24, Standard Rotor, Rock Trap, Grain Loss Monitor, Extra Concave, AFS



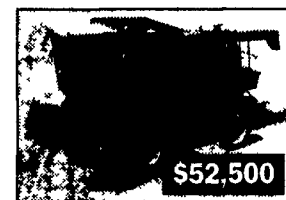
\$69,000

B 18454 1993 CIH 1666 4WD, 2722 Hours, Specialty Rotor, Rock Trap, Grain Loss Monitor, Hooper Uptime Has Been Done, Tires: Steer - 14.9x24, Drive - 30.5x32



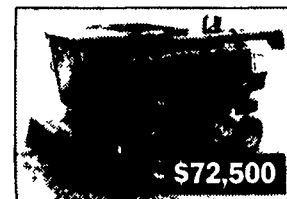
\$41,800

A 21511 1987 CIH 1680 2WD Combine, 5300 Hours, Tires: 30.5 x 32 Front, 18.4 x 16.1 Rear, Standard Rotor, Grain Loss Monitor, Hooper Uptime Has Been Done, Ready To Go



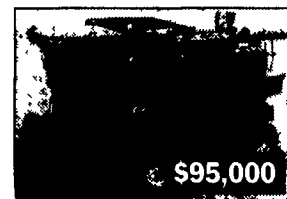
\$52,500

A 22724 1989 CIH 1680 2WD Combine, 2654 Hours, Tires: Steering - 30.5 x 32, Drive - 14.9 x 24, Specialty Rotor, Rock Trap, Auto Hdr Cntrl, Grain Loss Monitor



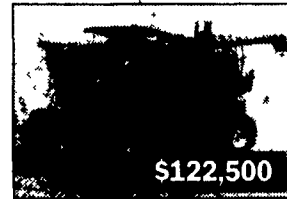
\$72,500

A 22232 CIH 1688 2wd, Specialty Rotor, Rock Trap, Glim-Ag Leader, Hooper Uptime Service Has Been Done, Field Tracker, 2 Sp Hydro, Drive 30.5 x 32, Steering 14.9-24, 2744 Hours



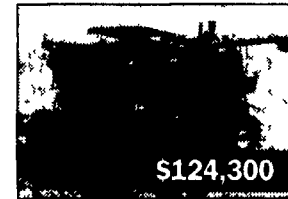
\$95,000

A 22310 1995 CIH 2188 2wd Combine, 1979 Hours, 30.5 x 32 Front, 14.9 x 24 Rear, Specialty Rotor, Rock Trap, Field Tracker, 2 Speed Hydro, Chopper, Local Combine, Hooper Uptime Has Been Done



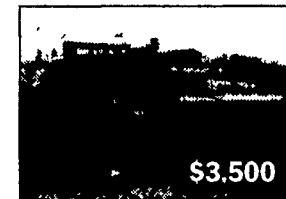
\$122,500

B 22318 1997 CIH 2188 2wd, 861 Hours, 30.5 x 32 Front, 14.9 x 24 Rear, Specialty Rotor, Rock Trap, Field Tracker, 2 Speed Hydro, Chopper, Hooper Uptime Service Done, Locally Owned Combine



\$124,300

B 22320 1996 CIH 2188 4WD Combine, 1050 hours, Tires: 30.5 x 32 Front, 18.4 x 26 Rear, Specialty Rotor, Rock Trap, Yield Monitor, AFS, Chopper, Field Tracker



\$3,500

A U9639 1977 JD 7700 2WD Combine, 4000 Hours, Tires: 28.1 x 26 Front, 11.00 x 16 Rear, Rock Trap, Walkers OK



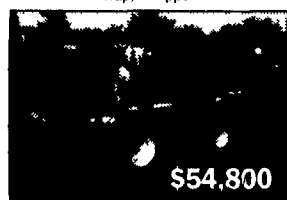
\$29,800

B 15394 1987 JD 7720 4WD Titan II, 2631 Hours, Tires: 30.5 x 32 Front, 16.9 x 26 Rear, Diesel, Hydro, Rock Trap, Chopper



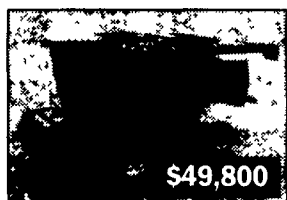
\$89,900

A 17482 JD 9500 Sidehill Combine, 1995, 2157 Hours, Tires: 30.5 x 32 Front, Excellent Condition



\$54,800

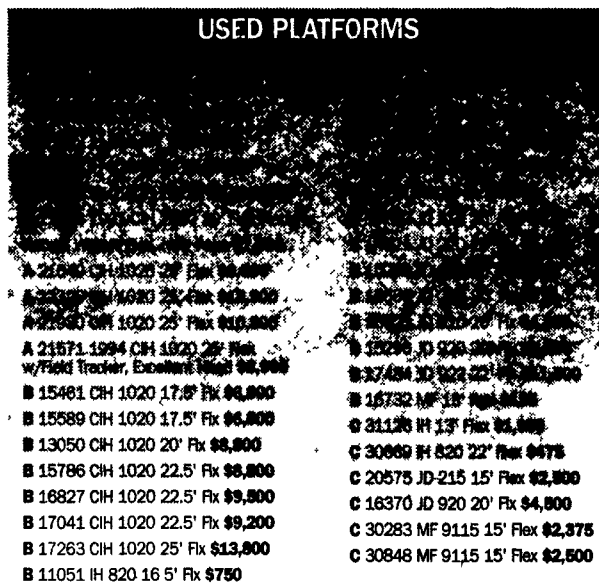
A 16367 JD 9500 2wd Combine, 30.5 x 32 Drive, 14.9 x 24 Steering, Rock Trap, Chopper, 1992 Hours, Diesel, Hydro, AM/FM, Grain Loss Monitor



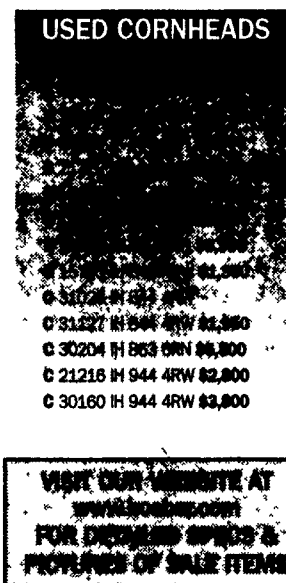
\$49,800

B 17120 1990 JD 9600 2WD Combine, 3175 Hours, Tires: 30.5 x 32 Front, 18.4 x 26 Rear, Chopper

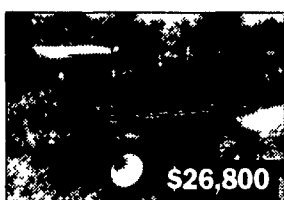
USED PLATFORMS



USED CORNHEADS

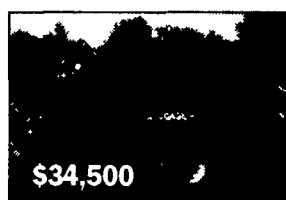


HOW DO HOOBER'S YEAR-END PRICES MATCHUP IN THE USED COMBINE MARKET?



\$26,800

A 15098 IH 1460 2WD, Rocktrap, Glim, Auto Incl, Bin Auger, Chopper, Mar West Chaff Spreader, Radio, Drive Tires: 30.5x32, Steering Tires: 18.4x16, 2277 Hours



\$34,500

A 13011 1986 CIH 1640 2WD, 3105 Hours, Tires: 23.1 x 26 Front, 11.00 x 16 Rear, Cab W/AC, Heat, Deluxe Seat, Hooper Uptime Service Has Been Done

A 13011 1986 CIH 2WD Combine with 3105 Hours Average Resale Value Adjusted For Hours Is \$37,747 Hooper's Year-End Clearance Sale Price \$34,500

SOURCE: North American Equipment Dealer's Association (NAEDA) Guides 2000 Official Trade-In Guide, Northeast Region, Fall 1999.

0% INTEREST ON ALL USED COMBINES & HEADS TILL SEPT 1/2000!



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WISCONSIN FARMERS A HAPPY NEW YEAR

USED TILLAGE



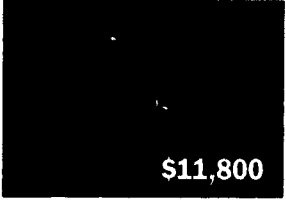
26' Rockflex Disc,
5,000 Rebuilt

\$19,800



A 22641 Krause 6318A 18' Landstar, 1
Pass Tillage Machine, 3 Row Time and
Basket

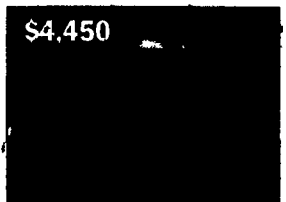
\$11,800



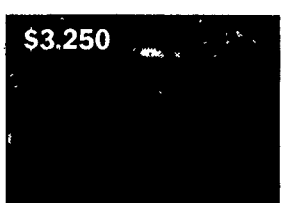
A 20272 Krause 2416 24' Heavy Duty
Rockflex Disc, New Blades, Ductile
Spools, Duals



A 22181 Krause 2426 NR 26' Disc,
Folding Rockflex, Duals on Center &
Wings, Packer Hitch & Hoses



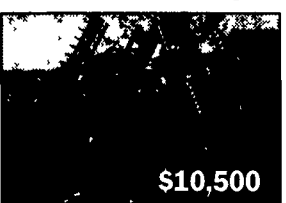
A 16810 Krause 1927 27' Disc, Rockflex,
9" Spacing, Packer Hitch & Hoses



B 16848 Krause 1956 30' Folding
Rockflex Disc, Leveling Board, Duals
Center & Wings, Packer Hitch & Hoses,
Needs Blades



C 21615 JD 13' Chisel Plow, 3 PT, Spring
Cushion Shanks, 12" Spacing



B 17315 Krause 1990 3131 31'
Landsman, Tines & Baskets

ED PLANTERS & DRILLS



7 Drill Grass
Planter Box Box
Planter



A 21449 CIH 900 6 Row N Planter, Aprx
7000 Acres, Conventional, Press Wheels,
Early Riser Monitor, Dry Fertilizer, Kasco
Dry Fertilizer Auger, 1000 PTO Pump

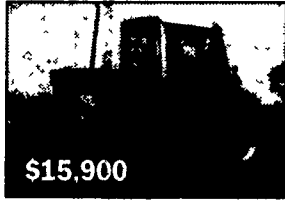


A 21449 CIH 900 6 Row N Planter, Aprx
7000 Acres, Conventional, Press Wheels,
Early Riser Monitor, Dry Fertilizer, Kasco
Dry Fertilizer Auger, 1000 PTO Pump



A 21449 CIH 900 6 Row N Planter, Aprx
7000 Acres, Conventional, Press Wheels,
Early Riser Monitor, Dry Fertilizer, Kasco
Dry Fertilizer Auger, 1000 PTO Pump

USED TRACTORS



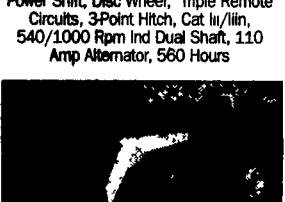
A 18119 1978 IH 1086 2WD Cab, 20.8
x 38 Rear, 3 Pt. 2 Remotes, 540/1000
PTO, New TA, Nice Tractor



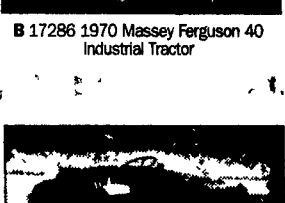
A 22719 1990 CIH 5130 2WD Cab,
1460 Hours, 18.4 x 38 Rear, Powershift,
2 Remotes, 3 Pt Hitch, 540/1000 PTO



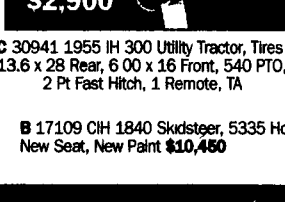
A 22780 1996 CIH 7250 MFD Cab,
2090 Hours, Loaded, 20.8R42 Duals,
1000 PTO, 4 Remotes



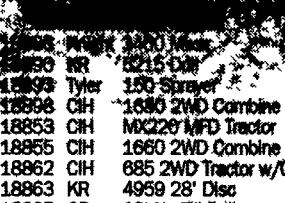
A 22218 CIH 8930 Mfd, 18 Spd Full
Power Shift, Disc Wheel, Triple Remote
Circuits, 3-Point Hitch, Cat. 11/11in,
540/1000 Rpm Ind Dual Shaft, 110
Amp Alternator, 560 Hours



B 17286 1970 Massey Ferguson 40
Industrial Tractor



C 30941 1955 IH 300 Utility Tractor, Tires
13.6 x 28 Rear, 6 00 x 16 Front, 540 PTO,
2 Pt Fast Hitch, 1 Remote, TA



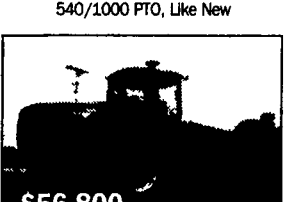
B 17109 CIH 1840 Skidsteer, 5335 Hours, 10 00 x 16.5 Tires, Rebuilt Engine,
New Seat, New Paint \$10,480



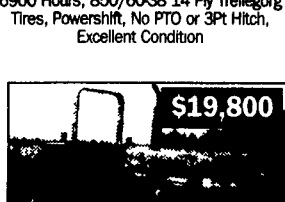
A 22719 1990 CIH 5130 2WD Cab,
1460 Hours, 18.4 x 38 Rear, Powershift,
2 Remotes, 3 Pt Hitch, 540/1000 PTO



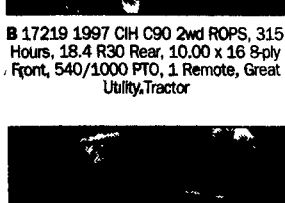
A 22190 1997 CIH 8920 MFD, 684
Hours, 18 4 R 42 Rear w/ Duals, 14 9 R
30 Front, Powershift, 3 Remotes,
540/1000 PTO, Like New



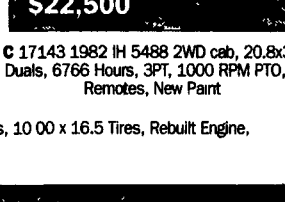
A 16729 1992 CIH 9270 Steiger 4WD,
6900 Hours, 850/60-38 14 Ply Trelleborg
Tires, Powershift, No PTO or 3Pt Hitch,
Excellent Condition



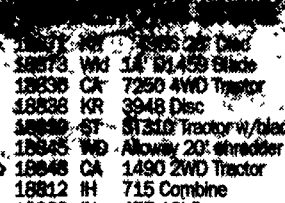
B 17219 1997 CIH C90 2wd ROPS, 315
Hours, 18.4 R30 Rear, 10.00 x 16 8-ply
Front, 540/1000 PTO, 1 Remote, Great
Utility Tractor



C 17143 1982 IH 5488 2WD cab, 20.8x38
Duals, 6766 Hours, 3PT, 1000 RPM PTO, 3
Remotes, New Paint



B 17109 CIH 1840 Skidsteer, 5335 Hours, 10 00 x 16.5 Tires, Rebuilt Engine,
New Seat, New Paint \$10,480



B 17109 CIH 1840 Skidsteer, 5335 Hours, 10 00 x 16.5 Tires, Rebuilt Engine,
New Seat, New Paint \$10,480

JUST ARRIVED

NEW TRACTORS TO THE McALISTERVILLE STORE

22715 JD 1840 Skidsteer	31134 IH 1566 Tractor
22450 NH Round Baler	31138 IH 756 Tractor w/duals
31175 JD 230 Disc 25'	31143 CIH 1680 2wd Combine
31177 IH 435 Baler w/Thrwr	31151 JD 2500 Plow 5x18
31181 IH 820 15' Grain Pitrm	31159 JD 272 3PT Hitch Fin Mwr
31173 Case 1840 Skidsteer	31165 Case 1840 Skidsteer
31144 CIH 1020 15' Platform	31158 JD 90 Rops Skidsteer
31152 IH 1460 Combine	31157 JD 850 2WD Tractor
31150 CIH 5240 MFD Tractor	

USED HAY & FORAGE



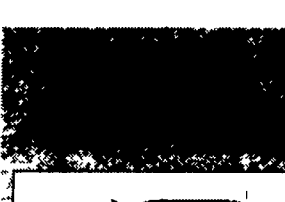
A 22723 Rhino SR20 20' Batwing
Mower, 1000 PTO, 6 Laminated Tires,
Stump Jumpers



A 22296 1993 JD 1470 12' Pull-Type
Mower Conditioner, Rubber Rolls, Tire
Conditioner



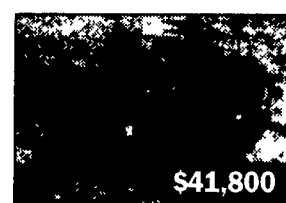
C 22167 NH 27 Forage Blower,
Whirl-A-Feed



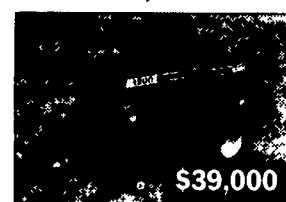
A 17230 MX 200 MFD Cab, 93 Hours



C 22155 MX 240 MFD Cab, 146 Hours



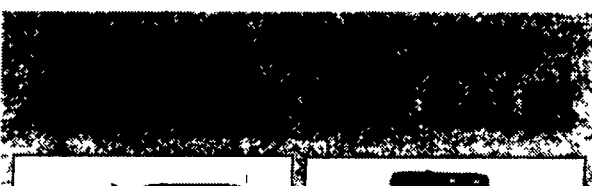
A 16564 1994 CIH 8580 Baler, 27,000
Bales, Hooper Uptime Service Done,
Ready To Go



A 22444 1989 Hesston 4900 Big Baler



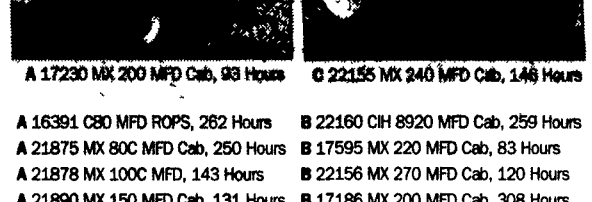
C 30430 1984 NH 499 12' Haybine,
New Paint, Field Ready



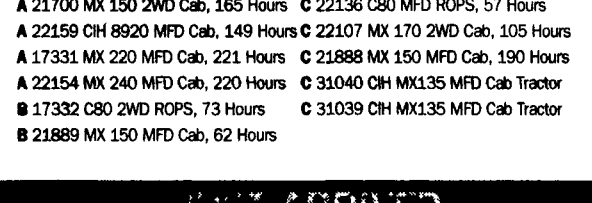
A 17230 MX 200 MFD Cab, 93 Hours



C 22155 MX 240 MFD Cab, 146 Hours



A 17230 MX 200 MFD Cab, 93 Hours



C 22155 MX 240 MFD Cab, 146 Hours

JUST ARRIVED

NEW TRACTORS TO THE McALISTERVILLE STORE

22951 JD 3010 Tractor	22913 Trttr 2 Star Tedder
22952 CIH 1680 Combine	22919 IH 4x4 Tractor w/LDR
22955 DMI Tiger II 5 Shank Subsoiler	22920 Wds Rearmounted Mower
22956 BR 12' Cultimulcher	22988 For. 8N Tractor
22957 CIH 25' Basket	22901 IH Sickle Bar Mower
22937 CIH MX150 Tractor W/Ldr	22871 NH OD100 12.8' Disc
22902 6' Mower	22874 NH TR85 Combine
22906 LndPr FDR3590 Mower	22813 CIH 5100 Drill 18 x 7
22907 LndPr FDR1572 Mower	22814 CIH 5100 Drill 18 x 7
22908 LndPr FDR1572 Mower	22791 CIH 72 Bucket
22911 CIH 1594 Tractor	22331 CIH 955 6R Planter
22912 MF 275 Tractor	

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Check Your Battery Needs
Here & Save!

A 20% Savings

- 624MF Group 24 List \$63.00 Sale \$50.40
- 627MF Group 27 List \$78.78 Sale \$63.00
- 1231PMF Group 31 List \$114.23 Sale \$91.35

Batteries for all your
farm needs, up to a
72 month warranty!



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- 12' BD92XE 4 gauge ..List \$38.04 Sale \$29.95
- 16' BD94XE 4 gauge ..List \$45.12 Sale \$36.10
- 20' BD96XE 4 gauge ..List \$51.32 Sale \$39.95

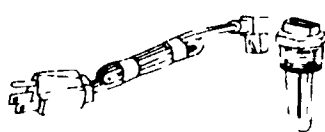
Starting Fluid

Starts stubborn engines in seconds • Prolongs battery life
Sprays to 65' below zero



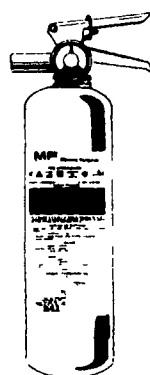
- | | | | |
|-----------------------|-------------|-----------------------|-------------|
| 12 Fl oz .. | List \$1 40 | 16 Fl oz..... | List \$1 30 |
| Sale \$1.25 | | Sale \$1.17 | |
| Case Lot (12) \$13 80 | | Case Lot (12) \$12.60 | |

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Grade 5 Hex Bolts & Nuts/Washers

Grade 5 Plated Hardware
Available by the Pound

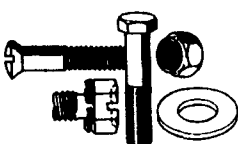
99¢

\$1.10

Per lb. Self Service

Per lb. We Pick

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Oil Special: We've stocked up
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- Superior additives provide exceptional engine life

- PERMATRAN III® meets/exceeds transmission and hydraulic system requirements

- Multiguard® 15W-40 & 10W30 meets all U.S. and foreign manufacturer requirements with API ratings of CH-4/CG-4/CF-4/CE/CD/SH

Selling Hydraulic Fluid at Low Prices!

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- 841743MI 2.5 gal. List \$13.56 Sale \$10.85
- 841813MI 5 gal. List \$26.16 Sale \$20.90
- 841744MI 55 gal. List \$260.14 Sale \$195.00
- 841850MI 330 gal.. .List \$1437.62 Sale \$1150.10

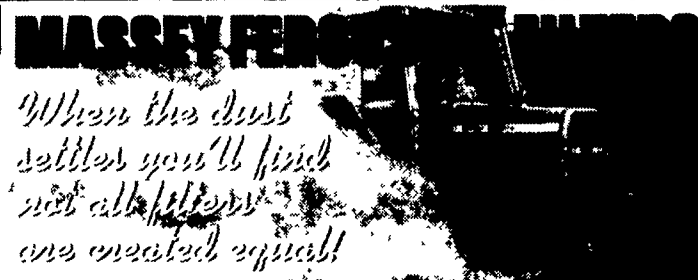
Motor Oil 15/40

- 841734MI 2.5 gal. List \$12.59 Sale \$10.05
- 841815MI 5 gal. List \$25.14 Sale \$20.10
- 841735MI 55 gal. List \$259.89 Sale \$195.00

20% OFF All Filters



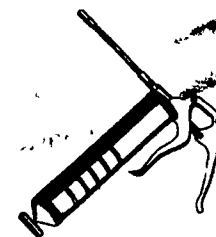
Lube & Fuel Filters



When the dust settles you'll find not all filters are created equal!

Grease & Grease Guns

- 841618MI - 10 pk. List \$11.30 Sale \$9.90
- 841618MI - 50 pk. List \$56.50 Sale \$45.00
- 1904778M9I Pistol Action Grease Gun List \$20.15 Sale \$16.10
- 79004186 Lever Action Grease Gun List \$17.10 Sale \$13.65



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Choose the quality, price & size of chain & links you need. We offer domestic chain.

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- 40 single - 10' qty. List \$33.32 Sale \$26.65
- 50 single - 10' qty. List \$40.21 Sale \$32.15
- 60 single - 10' qty. List \$52.23 Sale \$41.75
- 80 single - 10' qty. List \$112.87 Sale \$90.30
- 50-2 double - 10' qty. List \$111.63 Sale \$89.30
- 60-2 double - 10' qty. List \$179.40 Sale \$143.50

HOBBS HALOGEN LIGHTS

- PS7376250 3X5 Narrow Flood ..List \$20.74 Sale \$16.60
- PS7376150 3x5 Wide Flood ..List \$20.74 Sale \$16.60
- PS7189850 4x6 Wide Flood ..List \$23.36 Sale \$18.65
- PS7523750 4x6 Hi-Low Beam ..List \$33.10 Sale \$26.50
- PS7346850 Round Light List \$27.10 Sale \$21.70
- PS7101750 List \$16.72 Sale \$13.40



15% OFF all Perkins Engine Overhaul Kits

- 839236M91 AD3-152 List \$396.99 Sale \$337.44
- 839238M91 AD4-203 List \$463.43 Sale \$393.92
- 839240M91 AD4-236 List \$603.21 Sale \$512.73



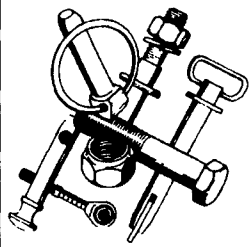
Target for Success

At Our Parts Fair Sale

QUALITY PARTS • QUALITY PRICES • QUALITY SERVICES
ONCE A YEAR PRICES, ONCE A YEAR SAVINGS



Located: 4 miles West of New Holland on Rt. 23, 1 1/2 miles
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20% Savings

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Multi-Language
Digital Tester

- Direct readout
for 40 grains
and seeds
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displayed in 6
languages.
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FX08025...., Sale \$185.95

CUTTER BAR PARTS

It Takes Two Sharp
Edges To Cut!

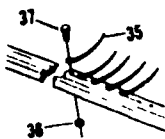
**20%
Savings**

Cutter Bar Parts & Sections

- 112-001 hart carter List \$.81 Sale \$.65
- 622-011 twin qc List \$1.20 Sale \$.96
- 412-032 rigid & 9000 fc List \$.77 Sale \$.62
- 420100058 SCH cutterbar. ...List \$1.00 Sale \$.80

MF "UNIVERSAL REEL" TINES

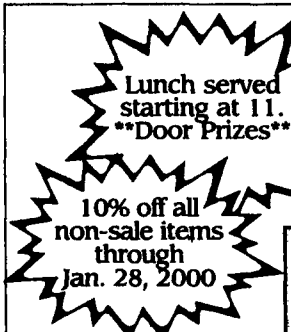
- 1052668M1 Steel Teeth List \$.75 Sale \$.65
- 2763064M1 Plastic Teeth List \$.75 Sale \$.65



CUTTERBAR GUARDS

20% SAVINGS

- 244925M1 9000 floating List \$16.98 Sale \$13.55
- BU-215A MF, NH Haybine List \$8.53 Sale \$6.80
- BU-231 Hart Carter floating List \$9.41 Sale \$7.50
- BC-240A MF rigid List \$8.40 Sale \$6.72



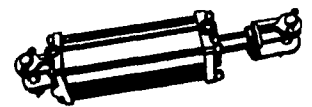
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OPEN HOUSE

Tuesday, Jan. 25th

John Stoltzfus (Christian Aid)
will show slides on
Rumanian agriculture at 2 p.m.

Cross Hydraulic Cylinders



15% Savings

- 2508DU 2.5x8 Stroke List \$83.57 Sale \$71.03
- 308DU 3x8 Stroke List \$88.73 Sale \$75.42
- 3508DU 3.5x8 Stroke List \$117.75 Sale \$99.95
- 408DU 4x8 Stroke List \$132.64 Sale \$112.74

ON SALE
AS PER
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**TILLAGE
DISC BLADES
20% Savings**

TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
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- Fits 2 1/4" centers for 7/16" plow bolts



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- TC 125 L 1/2 x 3 x 22 List \$9.41 Sale \$7.50
- TC 125 R 1/2 x 3 x 22 List \$9.41 Sale \$7.50

Slash Points

- SOS 02 L 1/2 x 4 x 24 List \$13.11 Sale \$10.95
- SOS 01 R 1/2 x 4 x 24 List \$13.11 Sale \$10.95

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There is a difference - 3 layers of steel for
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IN THE INDUSTRY!

16 INCH 4 BOLT PLOW SHARES

- SM 475167 Share List \$10.82 Sale \$8.66
- SM 475715 Share List \$14.62 Sale \$11.70
- SM 475716 Share List \$13.03 Sale \$10.42

FITS MOST PLOWS

- SM 1073613 Coverboard List \$14.42 Sale \$11.54
- SM 660020M1 Shin List \$10.49 Sale \$8.39

MOLDBOARDS

- SM 660010M1 Moldboard List \$67.82 Sale \$54.26
- SM 660204M1 Moldboard List \$71.74 Sale \$57.39

REVERSIBLE POINTS - UNIVERSAL

- P57-0202 2 x 5/16 x 10.5 List \$3.47 Sale \$2.75
- P57-0204 2.5 x 5/16 x 10.5 List \$4.57 Sale \$3.65
- ST 20 2 x 3/8 x 11.5 List \$3.86 Sale \$3.05
- P57-0966 1 1/4 x 1/4 x 11 List \$2.99 Sale \$2.40



DANISH TILLAGE

- S32-0001 1X1 1/2X7 1/4 List \$1.33 Sale \$1.05
- S32-0002 3/4X2 1/4 duckfoot List \$1.51 Sale \$1.20
- S32-0003 3/4X 4 duckfoot List \$1.75 Sale \$1.40
- S32-0019 1/4X7 sweep List \$2.76 Sale \$2.20



GLENCO SOIL SAVER

- SOS04 Steel Pt. L.H. List \$5.49 Sale \$4.39
- SOS03 Steel Pt. R.H. List \$5.49 Sale \$4.39
- SOS06 Moleboard L.H. List \$8.94 Sale \$7.20
- SOS05 Moleboard R.H. List \$8.94 Sale \$7.20
- B45-1160 20" Flat Coulter Disc List \$24.34 Sale \$19.45



NET WRAP

#8205380 - List \$333.20 Sale \$299.00
Pallet Lot of 9 Sale \$285.00 ea.



Tractors & Farm Equipment

Make	Model	Hrs	Price	Condition	Comments
Case IH	3294	1850	\$32,000	Excellent	CHA, Radio, Tires 75%, FWA
Case IH	2594	3086	\$27,000	Excellent	CHA, Radio, Tires 75%
IH	186	3847	\$15,000	Very Good	CHA, Radio, Tires 60%, New Engine
Case IH	6500		\$ 6,500	Very Good	Chisel Plow 9 Shank
Case IH	496		\$ 6,000	Good	18 ft Folding Wing Disc
New Holland	355		\$ 3,000	Very Good	Grinder Mixer, Hydraulic Drive
Pamco			\$ 1,000	Good	4 Ton Fertilizer Spreader
Case IH	1845	1061	\$16,500	Very Good	Dirt Bucket, Pallet Forks & Hay Spear
Woods			\$ 300	Good	5 ft Belly Mower
Case IH	1460	3506	\$25,000	Excellent	CHA, Completely rebuilt by Hoobers
Case IH	1896	5028	\$17,000	Very Good	CHA, Radio

Day: 724-586-7320 - Eve.: 724-586-7109

Best Buys in Used Equipment

TRACTORS	HAY EQUIPMENT
IH 485 w/685 Hrs	(2) NI 5209 Discbine
Case IH 5240, C/A, 1300 Hrs.	IH 3309 Discbine
IH 574, 2500 Hrs	Kuhn FC300 Discbine
IH 686 w/Cab	(2) Claas 66 Round Balers, Demo, 50% Off New Price
IH 806 w/Cab	Case IH 8530 Baler & Thrower
AC WC	IH #10 Flail Chopper

MISCELLANEOUS

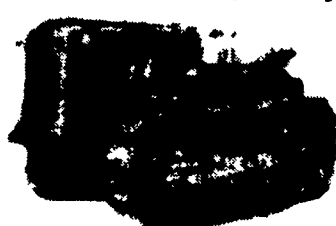
Gehl 312 V Btm Spreader	NI 3632 Spreader w/Gate,
(4) IH 130 2 Beater Spreaders	Top Beater
(2) NI 3626 Spreaders w/Gate	(New) Farmall H&M Rear Rims, 10" \$129
IH 1150 Grinder Mixer	Case IH 1250 Grinder Mixer

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JD 7800 cab 4x4, PS trans, 3100 hrs, like new	\$51,500
JD 4055 Cab, MFWD PS, Trans 80% rubber, nice	\$35,200
JD 4255 PS Trans, 4x4, radial tires, 3 hyd, sharp	\$34,500
JD 4450 Cab, 4x4, PS, 3 hyd, original 1 owner	\$33,800
JD 4250, QR trans cab, orig 1 owner, nice	\$30,500
JD 4440, Cab, PS, 2 hyd overhauled, wts, sharp	\$20,400
NH LX 885 Turbo skid loader, 1997, 2,000 hrs	\$17,500
JD 4040 Cab, 2 hyd QR trans, 16 9x38 radial tires	\$16,800
JD 2355 Hi/Lo 4x4, 3900 Hrs, Nice	\$15,500
JD 2355 Roll Bar, 4x4, 3900 Hrs, Nice	\$15,500
JD 4040 QR trans, 4 post, 3600 ong hrs	\$14,500
JD 2140, 75 hp same as JD 2750, overhauled	\$11,000
JD 2030 w/new loader & joy stick	\$11,000
JD 2040 (2550) cab, Ind PTO hi-lo	\$9,800
Woods 6215 diesel, moving machine 61" deck, new	\$9,630
NH 865 turbo, super boom, skid ldr.	\$9,500
JD 2840 hi/lo, 2 hyd, 4800 hrs, gd cond	\$9,200
JD 2510 WF, overhauled motor	\$7,300
JD 4020 dsl, WF, SR trans, 1 hyd, 1966	\$7,200
JD 2130, Ind PTO, 1 hyd, new paint	\$7,100
JD 2120 hi/lo Ind PTO, 60hp, dsl, nice	\$6,800
JD 4010 dsl, NF, completely overhauled, new tires...	\$6,400
JD 1120 Ind PTO, new paint, good	\$6,000
1200 Prime Mover Skid Ldr	\$5,200
JD 332 dsl lawn tractor w/mower	\$4,000
MF 35 gas deluxe in good working condition	\$3,500
JD 148 ldr w/valve & bracket for 4020	\$3,000
JD factory wide front for 3020 thru 4020, new	\$1,375
JD yellow roof roll bars, fits 2510 - 4020's new	\$950 EA.
NEW, 5' 3 pt King Kutter mower	\$690
JD 4020 or 3020 toplinks brand new...	\$175 ea.
Woods ldrs & snow blowers in stock	at 20% off

Zimmerman Elevators & Wagon Gears, Pequea & Woods Equipment; Farmco Metal Feeder Wagons, Bale Bodies & Country Boy Gravity Bins; JD Front & Rear Weights J&L Hay Savers

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GOOD DEALS ... AND A GOOD DEAL MORE

SPECIAL OF THE WEEK

New 105 HP JD 7410, 2WD, Cab, 110 Hrs, Demo	SOLD \$49,800
New 85 HP JD 6400 MFWD, 115 Hrs, Demo	\$39,500

TRACTORS

New 2000 JD 6210 open station	
NEW 65 HP JD 6410 2WD	
New 4400 JD 5410 PWD	
JD 2800 MFWD Cab 1 owner	\$59,000
JD 2910 4WD Loader	\$28,500 \$18,000
JD 7010 145 hp cab	SOLD \$12,500
Ford 7800 Cab 4251 1 owner	\$33,500 \$29,500
Case 1800 90 HP	\$12,500 \$11,500
IH 1410 Cab 1 owner	\$3,000
AG 5050 1400 Hrs	\$8,900
JD 727 Dskid Steer	\$8,900 \$8,000
JD 1145 Cab 4WD	SOLD \$15,000
Black & Cab 2000	\$18,000 \$15,000
JD 215 Loader	\$3,900
JD 020 Diesel HI	Just In
JD 9-5 Mower Loader Sno blower	Just In

Compact Tractors in Stock:
4100, 4200, 4400, 790

RECONDITIONED COMBINES

JD 5500 2000 Hrs	SOLD \$55,000
JD 5500 1900 Hrs	\$59,000
JD 5500 1800 Hrs	\$96,500
JD 5500 1700 Hrs	Coming In
JD 5500 1600 Hrs	Coming In
JD 5500 1500 Hrs	SOLD \$27,000
JD 5500 1400 Hrs	\$9,500
JD 5500 1300 Hrs	Just In
JD 5500 1200 Hrs	\$12,500 \$10,500
JD 5500 1100 Hrs	\$23,000 \$19,500
AG 5500 1000 Hrs	\$11,000

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AC 8050 Cab, 4WD, Cummins 210 hp, rebuilt trans	\$24,000
CIH 7140, 4WD	\$39,500
CIH 7130 cab, 4WD	\$32,000
(2) IH 1586 Cab	CALL
IH 1466 4WD, new radials & in pump	\$11,000
IH 1466 Cab, black stripe	\$9,800
IH 1466	\$9,500
(2) IH 1066 cab	\$8,000 & UP
IH 1086 fresh engine overhaul, tires, paint...	\$15,250
MF 2680, 4WD, cab, recent overhaul	\$12,500
IH 1256 fresh engine, overhaul	CALL
JD 7405, 4WD, 1570 hrs., balance factory warranty	SOLD \$45,000
White 2-105, 4WD, cab	CALL
IH 986 Cab	CALL
Case 1690, Rebuilt Engine	CALL
JD 4010 w/4020 Engine Kit	\$7,000
JD 4020	\$8,500
IH 826, nice	CALL
JD 4230, very nice	\$13,900
IH 886 Cab	CALL
MF 2-85, Nice	\$8,150
White 2-85 cab, 4WD	\$11,250
Oliver 1750 w/loader & attachments	\$7,000
JD 2950, 4WD	\$18,750
MF 31	CALL
IH 756	\$5,000
IH 706D, WF	\$4,250
IH 686	CALL
IH 666 high clear	CALL
IH 666 gas	\$6,250
Case 1390, 4WD	SOLD \$8,500
MF 175 w/loader	SOLD \$6,000
JD 401B w/side & rear mower	\$6,250
JD 730D diesel, WF New Paint	SOLD \$5,800
CIH 585 cab, 4WD loader	\$18,500
IH 574 w/loader	\$7,500
MF 165D w/loader	\$6,000
MF 2-55 cab, QT loader	\$7,250
Ford 4000 flat deck	\$5,800
JD 2010	\$4,750
IH 454 w/loader	\$6,000
IH 444 w/loader	\$6,500
Farmall 350 WF w/loader	\$4,250
Farmall 404 NF w/cultivators	\$3,500
IH 464D w/loader	\$5,000
Ford 8N, 9N	CALL
Yanmar 226D, 4WD loader backhoe	\$9,500
Kubota B7200 4WD, mower	\$7,500
Mitsubishi Satoh 4WD w/mower & snowplow	\$6,000
Gravely Promaster 12 w/30" rotary head	\$3,500
& 30" sickle mower	\$3,500

We now offer financing & lease programs

NEW - Roof VP75 w/30" head self-propelled rotary mower	\$2,400
IH 3514 loader backhoe	CALL
IH 3414 Backhoe & Loader	\$6,000
(3) NH 785 SS	\$10,000 & Up
Gehl 425 SS	CALL
(2) NH 555 skid loader	\$7,000 & Up
Bobcat 743	CALL
Bobcat 610 skid steer	\$5,000
MF 860 combine, 6RN & grain heads	\$15,000
NH 565 baler, low use, nice	\$9,500
CIH 3450 round baler	\$3,900
JD 510 round baler	\$2,500
JD 1240, 4R planter	SOLD \$600
NH 415 discbine	CALL
JD 1460 9' discbine	\$7,500
NH 492 haybine	SOLD \$4,500
Gehl 402 hydro fold rake	CALL
JD F930 mower	\$5,500
Kubota T1600, HST	\$2,700
Husqvarna 9-26 Snowblower	CALL
JD 7000, 4RN	\$4,500
JD 7200 Maxemerge II vacuum, nice	CALL
IH 620 grain drill, DD, press wheels	\$2,500
IH 710 5 Btm. Plows	\$2,500
12 shank chisel plows	\$1,500
Krause 17' wing disc	\$5,000
7 shank subsoilers	\$2,500
Dual 3605 QT Loader w/brackets for IH 66 & 86 series	\$3,250
Woods 15' Batwing Mower	\$3,500
Bushog RM60, offset ditch mower	\$3,500
New Worksaver, HPD-20 post driven	\$2,650
Rotary Mowers, 5', 6', 7', trail type	CALL
New Walco 3pt Finish Mower, 5', 6', 7'	CALL
97 Gooseneck Trl 21,000 GVW, removable sides & top & ramps	SOLD \$4,500
Gooseneck Trailer, 30,000 GVW, 38' deck	CALL
1968 Int. 250 Cummins, 10 speed, 12' aluminum box	CALL
'75 GMC Astro w/28' Rollback	\$10,000
'86 Chevy C30 w/Dump	\$5,000
'91 Ford F350 4WD Dsl. Dually, 50K Miles	\$15,900
'88 Ford F350 Dually	\$5,500
'90 Ford F250 4WD	\$5,000

Parting Out: IH 1066, CIH 685, 4WD

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JD 336 30 ejector, field ready RBP \$3,000
JD 24T chute field ready \$1,250
JD 214T chute field ready \$1,250
JD 347 30 ejector Coming In
JD 346 30 ejector (2) Coming In
JD 336 30 ejector (3) Coming In
JD 30 ejector, complete \$500
JD 14T, 24T and 336 parts balers CALL
NH 316 Baler super sweep, 75 Ej, RBP, sharp \$8,000
NH 276 baler, chute, field ready \$2,500
NH 276 baler super sweep 54 thrower \$3,200
NH 276 Baler, super sweep, 54 thrower \$3,000
NH 276 baler super sweep, 54 thrower \$2,800
NH 276 baler super sweep, 54 thrower \$2,800
NH 320 baler super sweep, 75 thrower Coming In
NH 320 baler super sweep, 70 thrower Coming In
NH 282 super sweep, hyd tension, hi cap \$1,800
NH 275 Baler super sweep, chute clean \$1,800
NH 75 Pan Thrower complete, off of 315 \$600
NH Hydraulic tension unit off of 320 \$400
NH 68 69, super 69 parts balers CALL
Case 330 AC 444, IH 46 IH 47 parts balers CALL
ROUND BALERS
NH 610 4'x4' bales like new, new belts \$8,000
NI 484, 5'x4' bales, clean rust fr Wisc baler \$6,000
DISCINES
JD 1470 11' comp rebuilt, new rolls, new cutterbar \$9,000
JD 1460 9', ex rolls, sharp paint, our own \$7,500
Vicon KM321 9' very good rolls, ex cond \$4,750
Vicon KM321, 9' good rolls, v.g. cond \$4,200
Kuhn FC300G 8', 540 or 1000 RPM \$5,000
Deutz Allis RM80 Discbine Coming In
HAYBINES
JD 1209 9' excellent rolls v.g. cond \$2,500
JD 1219 9' mechanics special CALL
NH 467 7' excellent rolls good paint \$2,000
NH 469, 9' good rolls \$1,250
NH 479 9', excellent rolls, field ready \$1,800

IH 1190 9' good rolls \$1,500
IH 1190, 9' Good rolls \$1,500
IH 1490 12' hydrosweep, good rolls \$2,500
Hesston 1010, 9' hydrosweep \$1,500
IH 990, JD 1209, Ford 550, NH 479 Haybines for Parts CALL

RAKES & TEDDERS

JD 660 rake dolly wheel, nice \$1,500
NH 256 rake, exc mechanical, fair paint \$1,500
NH 56 rake, needs minor work CALL
NH 55 rake, good mechanical, poor paint \$800
Pequea 710 tedder, PTO, good cond \$1,000
Pequea rake inverter, near new cond \$2,500
Farmhand, 4 wheel rake, good cond \$500
Several other rakes CALL

MOWERS

Woods HD 315, 15' Batwing, V.G. condition \$5,000
Woods MD 184, 7' rotary, 3 ph, like new \$2,000
NH 451 sickle bar, 9' bar, no wds, v.g. cond \$1,500
Heavy duty 6' rotary mower, 3 PH, stump jpr \$750

TRACTORS

JD 4020 WFE, dual hyd, cab, super nice \$12,000
JD 4230, WFE, dual hyd, cab \$11,000
JD 4020 WFE, dual hyd, excel cond \$9,000
JD 4020 WFE, dual hyd, turbo \$9,000
JD 3010 TFE, gas, roll bar, very nice \$5,000
IH 656 WFE, diesel, 3ph, sharp \$6,000
Farmall Super MTA, runs excel \$3,500
Farmall Super C w/McCormick loader \$2,000
Farmall MD NFE, Runs Excel \$3,000
Farmall H 1941, Spoke Wheels, Exc \$1,800
Farmall H Rem Hyd Dual Fuel Exc \$1,600
Farmall Cub, 1948, sickle bar mower \$1,900
Farmall A WFE, good point, runs ex \$1,800
International Cub, belly mower, runs ex \$2,700
Farmall H, 1944, excellent rear rubber \$1,400
Farmall Cub, runs excellent \$1,800

MISCELLANEOUS

Farmco 18' steel side throw w/gns, 8 ton new \$2,000
Farmco 8' horse feeder, new \$350
NI 12A manure spreader, near new, paint still on floor \$1,500
Sunflower 12' folding offset disc \$3,000
JD 8300 grain drill, 18x7, grass box exc \$3,000
JD 7000 6RN, no till, dry fert & insect, Kinze hyd markers, exc condition \$5,500
Brillion 9' cultipacker, rebuilt, new shaft & bearings \$600

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MF 1155D
AC 5045D

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AC F2 w/13' Grain & 4R Corn
Head
AC Gleaner FKS w/13' grain &
430 corn head
AC Gleaner K w/10' Grain & 238
Corn Heads
JD 6600 w/13' Grain&630 Corn
Head
JD 4400 w/13' Grain Head
AC 630 Corn Head for M&L

TILLAGE
AC 13' Transport Disc
(2) JD 5-B Plow
AC 2000 6-B Plow
Ford 5-B Plow
Ford 4-B Plow
JD 40 Loader
AC 500 Loader

BALERS
IH 445 w/thrower
NH 320 wire
JD 336 wire
IH 27 w/thrower
NH 69
IH 46 w/thrower
NH 268
IH 48
JD14
AC 443
NH 316 w/Thrower
NH 315 w/Thrower

FORAGE HARVESTERS
Gehl 600 w/2 heads
Gehl 1200 w/2 heads
NH 717 w/2-row head
JD 35 w/2 heads
(2) Gehl 99 Blower
IH Harvester w/Pickup & 230 Corn
Head
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NI 3632 Spreader, 320 Bu., Excellent
NI 3718 Spreader, 180 Bu., Like
New

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NH 489 Haybine
NH 460 Haybine
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(3) NH 479 Haybine
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JD 1380 14' Mower Cond.
JD 1209 Mower Cond.

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3RN Corn Head.....\$2,700
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CORN HEADS

CIH 1063.....\$10,500
IH 844.....\$2,600
JD 643.....\$10,200

FLEX HEADS

(2) JD 920 \$8,300 - \$8,700
CIH 1020, 22 1/2".....\$11,500

COMBINES

'86 CIH 1680 standard rotor, rock trap, chopper, grain loss monitor, cross flow fan, 2300 hrs, always shedded, very good cond.....\$33,500
'91 JD 9500, 1100 Sep, 1700 Engine Hrs, Fully Equipped, Sharp \$49,500

HAY

NH 570 Baler, w/Thrower, Used Very Little.....\$11,000
NH 489 Haybine.....\$1,800
CIH Sickle Bar Mower.....\$1,600

MISCELLANEOUS

JD 750, 15' no-till drill.....Coming In
JD 15' Rotary Hoe.....\$900
Case IH 5100 Grain Drill, Press Wheels, Grass Seed Box.....\$4,400
Kill Bros. 475 Grain Cart.....\$4,700

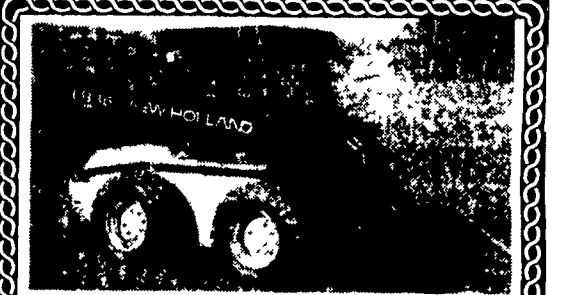
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Ford 3550 TLB, Gas, Nice.....\$6,500

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(Displayed In Heated Building)

1999 JD 7410 Cab, Air, MFD, Power Quad w/Creeper, Triple Hydraulics, 18x38 Rack & Pinion, 350 Hrs, Like New
1990 JD 4955, Cab, Air, Power Shift, MFD, 4000 Hrs., Triple Remotes, 18x42 Duals
1988 JD 4850, Cab, Air, Power Shift, MFD, Triple Hydraulics, 20x38 Duals, 3600 Hrs., Excel. Cond.
JD 4650 Cab, Air, 15 Speed Power Shift, MFD, 3000 1-Owner Hrs., Excel. Cond.
1991 JD 4455 Cab, Air, Power Shift, MFD, Triple Remotes, 5400 Hrs., Good Cond.
JD 4450 Cab, Air, Power Shift, SOLD 800 Hrs., 20x38
1980 JD 4440 Cab, Air, Quad, Triple Remotes, 5000 Hrs., Good Cond.
JD 4240 Cab, Air, Quad, 3800 Hrs., Good Cond.
1977 JD 4230 Cab, Air, Quad, Triple Remotes, Good Cond.
JD 4040 Cab, Air, Power Shift, New Engine, Good Cond.
JD 2955 Cab, Air, MFD, Hi-Lo, 18x38 Rack & Pinion, 2400 Hrs., Excel. Cond.
JD 2955 MFD Hi-Lo, Dual Hyd., w/Hinker Cab, Very Nice
JD 2755 Cab, Air, Dual Hyd., Rack & Pinion, 3800 Hrs., Good Cond.
JD 2750 Cab, Air, Dual Hydraulic, Rack & Pinion, 540 & 1000 PTO, Very Nice
JD 2350 Cab, Air, Hi-Lo, 3400 Hrs., Very Nice
JD 2350 Diesel, Open Station w/146 Loader, Very Nice
JD 2355 Cab, Air, MFD, 245 Loader, Very Nice
JD 2030 Diesel, Dual Hydraulic, Indpt. PTO, 980 1-Owner Hrs, w/48 Loader
1980 IH 1086, Cab, Air, 2800 Hrs., Excel. Cond.
IH 1486 Cab, Air, 3800 Hrs., Dual PTO, Recent Engine & T/A Repair, Excel. Cond.
IH 1486 Red Power, Cab, Air, Dual PTO, Good Cond.
IH 1086 Red Power, Cab, Air, Good Cond.
IH 986 Cab, Air, New T/A, Good Cond.
IH 1066 Fender, Dual Hyd, Dual PTO, Good Cond.
IH 86 Hydro, 3 pt., Dual Hydraulic, WF, Good Cond.
IH 460 Gas, Tricycle, Fast Hitch, 2900 1-Owner Hrs., 1 Of A Kind
Ford 3550 Diesel Loader, Shuttle Trans, Good Cond.

HIGH QUALITY CORN AND GRAIN HEADS

JD 922 Flex Head w/Fore & Aft, Late Model
JD 915 Flex Head, Fore & Aft, Speed Control
JD 913 Flex Head
JD 215 Flex Heads
JD 213 Flex Heads
JD 216 Rigid Head
JD 13' Rigid Head
MF 9115 Flex Head
MF 9113 Flex Head with HY Controls
MF 1859 13' Flex Head
JD 493 4RN, Like New
JD 643 6RN, Oil Bath
JD 444 4RW Oil Bath
JD 444 4RW, Hi Tin
JD 443 4RN, Oil Bath
JD 443 4RN, Hi Tin
JD 343, 344, 243
1994 Case IH 1020, 15' Flex, Excellent
Case IH 1063, 6RN
Case IH 1043 4RN
IH 943, 4RN
AC 438 4RW
MF 1163 6RN

QUALITY COMBINES

(Displayed Inside Building)

1992 JD 9500 Side Hill, Dial Speed, Fore & Aft, Chopper, Good Cond.
1992 JD 9400, 1000 Hrs., Chopper, 24x32 Tires, Excel. Cond.
1988 JD 6620 Titan II Cab, Air, SOLD Chopper, 2300 Hrs.
1982 JD 6620, Cab, Air, Hydro, 2,100 Hrs., Excel. Cond.
1984 MF 550 Cab, Air, Hydro, Chopper, 23" Rubber, JD 4400 Gas, Cab, SOLD opper, Good Cond.

HAY EQUIPMENT

NH 1063 Pull Type Bale Wagon, 160 Bale Capacity, Very Nice
NH 1037 Bale Wagon, 105 Bale Capacity, Excel. Cond.
NH 1033 Stack Wagon, 105 Bale Capacity, Good Cond.
JD 435 Round Baler, Net Wrap, Bale Trac, Tucker Wheels, Excel. Cond.
JD 1360 Mo-Co Discbine, 9 1/2', Very Nice
Ford NH 790 Harvester, Electrical Controls, w/Ford NH 824 2R Corn Head & Pickup Head, Excel. Cond.
JD 3RN Yellow Forage Head - 2 To Choose From
NH 477 7' Haybine
JD 243 2RN Snapper Head w/Chopper Plate, Excel. Cond.
Agco NI 4845 Round Baler, Excel. Cond.
JD 348 Baler w/40 Ejector, Good Cond.
JD 335 Round Baler, Excel. Cond.
Rhino 7' 3pt. Rotary Mower, Excel. Cond.
NH 848 Round Baler w/Bale Command, Good Cond.
JD 660 Rake w/Dolly Wheel
NH 847 Round Baler, Good Cond.
Ford NH 256 Rake, Like New
Ford NH 853 Round Baler w/Fastnet, Bale Command, Good Cond.
JD 348T Baler w/Water Turn Chute
JD 327T Baler w/30 Ejector

MISCELLANEOUS EQUIPMENT

Cab to Fit IH 1066, Good Cond.
Myers Snow Plow To Fit JD 540 Loader
Summers Hyd. Reel Rock Picker, Good Cond.
NH 354, Grinder Mixer, SOLD Cond.
JD 148-158-240-245 Loaders
Bush Hog 3425 Quick Attach Loader to Fit Case IH Maxxum, Like New
JD Bradco 8' Backhoe Attachment To Fit 1520 Thru 2555, Good Cond.
Crown Hyd. Reel Rock Picker, Good Cond.
Axle Mount 18x38 Duals For JD 4450, 4440, 4430, Case IH 5240, 1066, 1086, 986, 1486
Gehl 100 Grinder Mixer, Hyd. Drive, Good Cond.
Leon Rock Picker, Good Cond.

PLANTING EQUIPMENT

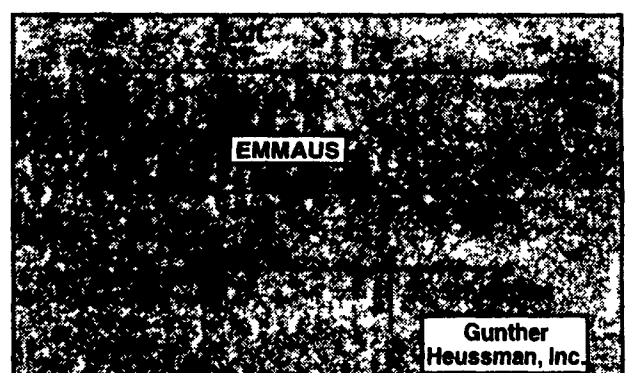
JD 750 15' No-Till Drill w/Dolly, SOLD, Excel. Cond.
JD 1750 4R Conservation Planter, Dry Fert., Frame Mounted Coulters, Insect, Like New
JD 7200 4R Conservation, Dry Fert., Frame Mounted Coulters, Insecticide, Monitor, Excel. Cond.
JD 7200 4R Vacuum, Dry Fert., Insecticide, Monitor, Very Nice
JD 7000 6R Conservation, Dry Fert., Frame Mounted Coulters, Insecticide, Monitor, Good Cond.
JD 7000 6R Conservation, Liquid Fert., No-Till Coulters, Insecticide, Monitor, Good Cond.
JD 7000 4R Dry Fert, Insecticide, Monitor, Good Cond
JD 8300 Grain Drill, 23x7, Grass Seed, Press Wheels, Good Cond.
JD 7000 6R Dry Fert., Insecticide Monitor, Good Cond.
Case IH 5100 24x6 DD w/Fert. & Grass Seed, Very Nice
JD 750 10' No-Till Drill w/Dolly Wheels, Excel. Cond.

TILLAGE

IH 720 6x18 Spring Reset on Land
IH 710 5 & 6x18 Spring Reset on Land
IH 710 4x16 Spring Reset Hillside Hitch
IH 720 5x18 Spring Reset Hillside Hitch
IH 720 4x18 Spring Rest Hillside Hitch
IH 710 5x18 Spring Reset
IH 710 3x18 Spring Reset
White 508 4x18 Spring Reset
IH 5500 3 pt. 12' Chisel Plow
Case IH 6500 9 Shank Conserve Till, Like New
Athens 10' Heavy Duty Offset Disc
Krause 18 1/2' Rock Flex Disc, Excel. Cond.
JD 950 10' Roller Harrow, Good Cond.
Krause 4900 21' Rock Flex Disc, Excel. Cond.

CORN PICKERS

JD 300 Husker w/3RN Head, Late Model, 1 of a Kind
JD 300 Husker w/2 or 3 Row Head, Very Nice
NI 324 2RW, 12 Roll Bed, Late Model, Like New
NI 325 2RN, 8 Roll Bed, Good Cond.



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- JD 8430, 4WD w/PTO & 3 pt. hitch w/duals, excellent
- JD 4840, cab & air
- JD 4640, PS, cab, air, duals
- JD 4440, cab & air, 1 owner, sharp
- JD 4240, cab & air, quad
- JD 4240, cab & air, power shift
- JD 4040 cab & air, sharp
- JD 4020, diesel, SC, 5,600 hrs, excellent
- JD 3020, diesel
- JD 2840
- JD 2640
- JD 2440, hi-trn
- JD 4450, MFWD, cab & air, sharp
- JD 4450, cab & air, excellent
- JD 4250, MFWD, cab & air, power shift
- JD 4050, cab & air, 2,300 hrs.
- JD 2950, cab & air
- JD 2350, MFWD, cab & air
- JD 2955, cab & air, MFWD
- JD 2555
- JD 2355N
- JD 2150
- JD 4430, cab & air, sharp
- JD 4430, 4 post
- JD 4230 quad range, fender
- JD 4320 w/cab
- JD 4320, fender
- JD 4020, side console, WF
- Case IH 5130, MFWD
- IH 2444
- IH 1586, 4 post
- IH 1466
- IH 1086 cab & air
- IH 1066
- IH 986, cab, air
- IH 786, ROPS
- IH 684 w/2,800 hrs
- IH 484, diesel, excellent
- IH 186, hydro, cab & air
- IH 806

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- JD 70, original
- JD 630, original
- 1940 Farmall M w/factory WF
- Oliver 770, gas, WF

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- IH Consertill 10'
- JD 2500 5 btm. 18" spring reset
- AC 5 btm.
- JD 5 btm.

USED COMBINES

- 444 JD corn head
- JD 643 corn head
- JD 443 corn head
- JD 343 corn head
- JD 7720, 4WD, 2,300 hrs, excellent
- JD 4400, diesel
- JD 4400, diesel, 2,400 hrs., 23" tires
- JD 3300 w/2 row head
- JD 3300, diesel, 1978

HAY EQUIPMENT

- JD 337 twine baler, like new
- JD 338 baler w/42 kicker, NEW
- JD 346 wire baler
- NH 316 twine baler
- NH 630 round baler
- NH 848 round baler, excellent

MISCELLANEOUS

- Brillion 14' chisel plow
- Taylorway 25' disc
- JD 20' disc, excellent
- 20' IH field cultivator, pull type
- 18' IH field cultivator, hyd. fold
- JD 7000 6R cons planter, liq insect, v good
- JD 7200 6R Planter, Dry, Excellent
- NH 352 grinder mixer
- Gehl 120 grinder mixer
- Gehl 95 grinder mixer, very good
- IH 510 Grain Drill w/Press Whls
- Bush Hog no-till drill
- JD 750 15' no-till drill
- Bush Hog 2845 Ldr, fits JD 4020, like new
- IH 2350 loader
- JD 158 loader
- JD 58 loader

LOADER TRACTORS

- IH 495, MFWD w/ldr
- Ford 545, 4WD, 3 pt, PTO
- JD 5400, MFWD w/640 ldr, 900 hrs
- JD 2955, MFWD w/260 ldr

'85 GMC C-7000 w/26' Jerr-Dann Body, Air Brakes, Air Tag Axle

Excellent Ford Tractors

- 8770, 4WD, super steer, 4 remotes, 20.8x42, 900 hrs.
- TW15, cab, air, 4WD, 20 8x38, weights, 4,500 hrs.
- TW10, cab, air, 18 4x38, DP, dual remotes, 5,600 hrs.
- 8600, cab, DP, dual remotes, 20 8x38, weights, 4,500 hrs
- 7740 SLE, cab, air, 18 4x34, 1,550 hrs.
- 7740 SLE, canopy, weights, 18 4x38, 2,100 hrs.
- 7710, cab, air, DP, dual remotes, 18 4x34, 3,800 hrs
- 7610 II, cab, air, 2WD, 18 4x34, 1989, 2,160 hrs.
- 7610, DP, dual remotes, 16 9x38, 1,700 hrs
- 7610, rollbar, DP, dual remotes, 18 4x34, 4,800 hrs
- 7000, flat deck, DP, dual remotes, 4,000 hrs
- 6610, rollbar, DP, dual remotes, 16 9x30, 3,400 hrs
- 6600, DP, dual remotes, 540/1000, 15 5x38, **SOLD** hrs
- 5610 II, cab, air, DP, 16 9x34, 3,100 hrs
- 5000, DP, 15 5x38, 1 remote, 5,100 hrs.
- 4630, cab, 4WD, shuttle w/Ford 7410 ldr, 2,100 hrs
- 4835, 4WD, cab, air, 24x12 shuttle w/NH 7310 ldr., 150 hrs
- 4600 SU, diesel, 14 9x28, dual remotes, 1,200 hrs
- 4600 SU, diesel, 14 9x28, 1 remote, 1,700 hrs
- 4600 SU, diesel, 16 9x24 w/front snow blade, 3,300 hrs
- 4100, diesel, 8 spd w/Dunham-Lehr QT ldr, 2,400 hrs
- 3930, 4WD, 8x8 shuttle w/Ford ldr, 450 hrs
- 3910 II, rollbar, 14 9x28, one remote, 700 hrs
- 3000, gas, PS w/Ford ldr, 2,400 hrs
- 2000, gas, 8 spd, PS, 13 6x28
- JD 4050, cab, air, quad, 18 4x38, 3,400 hrs
- JD 2955, cab, air, 4WD, 18 4x38, 2,900 hrs
- JD 6400, 4WD, roll bar, pwr quad w/640 ldr, 2,900 hrs
- JD 6400, rollbar, pwr quad, 18 4x38, R&P axle, 2,500 hrs
- JD 6300, canopy, synchro, 15 5x38, dual remotes, 1,000 hrs
- JD 2755, roll bar, 8 spd, dual remotes w/ID 245 ldr, **SOLD** hrs
- MF 180, multi power, dual remotes, 15 5x38, 1969 model

Equipment

- Woods 9144 12' batwing finishing mower
- NH 358 grinder mixer, hyd drive, original scales, original hammers never turned **SOLD**
- NH 474 7' haybine
- Ford 7411 loader w/40 series brackets
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- JD 5730 chopper, 4x4
- JD 5400 chopper, 4x4
- JD 6R head for 5830
- JD 4RN converging head, like new
- JD 4RN stocker head
- Kemper 4 row head, excellent
- JD kernel processor
- JD 4055, cab & air, 4WD
- JD 3255, 4 post, 4x4
- JD 2955, cab & air, 4x4
- JD 2755, cab & air
- JD 2555, 4x4
- JD 4650, cab & air, 4WD
- JD 4450, cab & air, power shift, 4x4
- JD 4250, cab & air, power shift, 4x4
- JD 2950, cab & air, 4x4
- JD 2950, fender
- JD 4840, power shift
- JD 4440, cab & air, power shift
- JD 4240, cab & air, quad range, 1982 model
- JD 2640
- JD 4430 cab, air, power shift
- JD 4430, 4 post, power shift
- JD 4430, cab & air quad range
- JD 4230, cab & air, quad range
- JD 4320 w/fender
- JD 4020 powershift, gas
- JD 4020 powershift, '70 model
- JD 4020, powershift, '67 model
- JD 5300 w/loader
- JD 5400, 4x4, fender
- JD 730, Diesel
- JD 530
- IH 3588, cab & air, 4x4
- IH 1066, fender
- IH 1466, cab & air
- IH 1086, cab & air
- MF 399, cab & air
- MF 1085, cab & air
- White 2-135, 4x4
- White 2-105 w/cab, 4x4, 1982
- White 2-105 w/cab, 4x4, 1978
- Ford TW35, cab & air, 4x4
- AC 180, diesel
- JD 260 loader
- JD 158 loader
- JD 148 loader
- JD 245 loader
- JD 48 loader

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AC D15
AC WD, WD 45
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Case David Brown 1290 w/Ldr
DA 6265 w/Ldr
Farmall 340
Farmall Cub w/Cultivators
Farmall Super "A"
Farmall Super C
Farmall "H" w/Ldr
Farmall 906
Farmall 140 w/Ldr
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Farmall Int 686, 986 w/cab
Farmall M, C, H
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Ford 801 Power Master
Ford 800, 600
Ford 8N's
IHC 826
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Int 444 Dsl
JD 2950
JD 2940 4WD
JD 2840
JD 2755
JD 2555 DT w/Ldr
JD 3020 w/Fresh Point
JD 4240 w/cab, 4440 w/Cab
JD 40-S
Kubota M 4050, 9000 4WD,
M5400 4WD
Leyland 270 w/Ldr
MF 50 Dsl w/Ldr
MF 65

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Kubota FZ2400 4WD w/Mower
Kubota B1550HST w/Ldr, Mower,
Catcher, Bigped
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Kubota B6200 4WD
*Kubota L5450 w/Ldr.
Kubota B5100 4WD
Kubota B2710 4WD, TLB
*Kubota B2100
Kubota B2100 4WD
*Kubota B 1750 w/Ldr.
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*Kubota L35 TLB
Kubota G6200
MF 1045
*MF 1010 4WD w/Ldr, 1030 TLB

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Case 1845
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Gehl 5620
Gehl 6620 Skidsteer
NH L783, 785
Mustang 2060 w/QT
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*OMC 442

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Clark C500
MF 204
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Kubota KX-91 Excavator
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*Case 580 Super L, Cab, 4WD,
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CDS 715C TLB
Ford 555B
Ford 4500 dsl TLB
Clark C500 Forklift
JD 350 Dozer w/blade
JD 450C Dozer w/blade
NH 130 Backhoe
NH Ford B-134 Backhoe
*Melroe Bobcat 911B Backhoe
Case 580CK w/Cab, Ldr, Hoe
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JD 210C, TLB 410B TLB w/turbo
JD winch
Komatsu D31E Dozer
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AC 415, 500
CIH 2200, 2350
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*Ford 7410 Loader
*Ford 727
IH C Ldr w/8' bucket
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350, 400, 404, 444, 460, 504, 560,
606, 656, 706, 806, 826, 856
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FORD: 8N, 9N, NAA, 531, 600, 801,
2000, 4000, 5000
JOHN DEERE: A, B, M, MT, 50, 60,
70, 420, 620, 630, 720, 2010, 3010,
3020, 4010, 4020, etc
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175 TO 20, TO 35
OLIVER: 70, 77, 88, 770, 1650, 1750,
1900 etc
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NH 38

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Corn Heads Hesston 1, 2, 3 row, NH 1, 2, 3
Row
JD 2XN Corn Head, Like New
NH 822 Corn Head
NH 722 1 row corn head

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Agri Metal bale mulcher pto blower
Kverneland 7550 Bale wrapper
Salsco Trailer, bale wrapper
Salsco 9005 bale wrapper

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Gehl FB1560
Gehl 1540
Hesston 7012
JD 6500
NH 28
NH 40 Silage Blower
NI 620 and 622

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AC Gleaner dsl, & F dsl used combines,
asst heads
Gehl 750
Hesston 2000-150, 7140, 7150 & 7165
JD 3950, 3960
NH 790 Chopper w/Metal Alert, 782

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Arts-Way 155
Schuler 260 CM
Schwartz 680, 780, 880

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Badger, 3 beater forage wagon w/tandem,
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Flex-Metal 4 Wheel Wagon C-S, E15/Rear
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M&W Grain Wagon w/rear unload auger
Richardson 800S
Valac Dump Cart 1-1/2, 1.4 whl

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New 12' tandem trailer w/Hyd Front Augers
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10 Assorted gravity boxes, new & used
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dem running gear
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Round bale wagons

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E-ZFlow 220 w/grain wagon
JD 1210A grain buggy
Kilbros, 250 grain wagons
Knoodler feeder wagon
M & W tandem axle grain cart
w/unloading auger
NH 816-818 Feeder Wagon
New Pequea Feeder Wagons

ROUND BALERS

*Case 8420
CIH 8420
Haybuster 256
Hesston 5530
Hesston R560
IHC 2400
Krone KR130
NH 254 Tedder/Rake
NH 845; 848 w/fast net wrap, like new, 630
*NI 4845 round baler, bales w/twine or net
wrap - NEW
NI 484, 456
Vermeer 504C

SQUARE BALERS

JD 337
NH 273; 282, 315 w/throwers
NH 271, 275, 276, 471
NH 68

PLOWS w/SPRING RESET

AC4X monoframe hyd. reset 16" btm
Brillion 3 shank spring loaded
Bush Hog 720A 4 & 5 bottom reset w/hill-
side hitch
Case 3X, 3 Pt Plow
Farmall 1 Bottom Plow
Ford 101 3X Plow, 2X
Ford 142 3X Plow
Ford 3 Pt Plow w/14" sod cutter
IH 140 4x18" roll over plow
IH 420 3 bot, 3 pt, plow VG
IHC 2X Plow
IHC 450 3X Plow
IHC 720 4X plow
Int 710 6x16" btm on-land hitch
Int 720 5 bottom reset w/hillside hitch
Int 720 5x16" btm on-land hitch
Int 720 4x reset w/hillside hitch
Int 710 6x18" btm w/side hill hitch
Int 700 6x16" btm, 700 5x
Int 311 Trip 14" Plow
JD 5B Semi Roll Over Plow
JD 945 5 btm, Rollover, Semi-Mt
JD 3600 5X, trailer hitch, var width
*Kverneland 3, 3 pth reset
Asst 1, 2, 3 or 4x 3pt plows

New
Pequea
Feeder
Wagons

COMBINE HEADS

AC 438, 430, 330

CORN PICKERS

NI 325 wide & narrow row, 2 row pickers

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AC 8 shank, 3 pth
Brady 1000 12 Shank Plow
Brillion 10-shank trailer
Brillion 8 & 9 shank - very sharp
*Ford 450 chisel plow, 7 shank
IHC 5500 chisel plow, 11 Shank
Int 55 7-Shank Plow
7 Shank Chisel Plow

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Assorted Basin & Lagoon Liquid Manure Pumps
Gehl M5309 Side Spreader
Gehl 726 Tandem Axle, Liq Spread
Gehl 315 Scavenger Ser 11 Side Kick
Gehl 524 tandem slurry spreader, 425 tandem
axle box spreader, 309 Scavenger

Hawkbuilt 2195 spreader
Millcreek 25 Mini Spreader
NH 791, 329 Box Spreader
NH 667 barrel spreader
NI 3618, 3632 Spreader
NI 3632 320bu Tandem Box Spreader
NI 17A, 206
NI 218 tandem spreader w/upper beater &
hyd tailgate
Patz 3300 Gal Liq Manure Spreader
Wilmar Trailer Fert Spreader

SPRAYERS

BCI 300 gal tank, on trailer
Century 1000 gallon tandem axle sprayer
Century 300 gal
Century 3 pt single boom sprayer
Hardi & Combi 3 pt air blast sprayers
Kinkelder 3P-400 Sprayer
500 gal trailer crop sprayers
500 gal Precision Tandem axle Lo-Pro 46'
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200 & 300 Gallon Sprayers, 3pt & Trailer
Several Meyers 3pt & Tk mt

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AC 600 4x planter w/air
2 Brillion 12 ft smooth roll, cultipackers
Brillion PMWT148-02 Cultimulcher
Brillion 11 ft single roll
Brillion 12 ft cultimulcher
Brillion 9 ft single roll & double roll
Brillion 5' 3 pt cultipacker seeder
*Brillion SST120-01 cultipacker seeder
Brillion SS-120-04
Cole 2R, 3 pt
Ford 309, 2R
Holland planter
Holland 2 Seat 3 pt 1-Row Transplanter
Holland 1 & 2 row transplanter, 3 pt, pull
Int 56, 4R
MF 39-2x planter
JD 71 3 pt 2x planter
JD 3 pt 2X Planter
New & Used Tye Seeder, 3 Pth, Weathered
1&2 Row Mechanical Transplanters 3 pt
pull type

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AC 2900 Leveling Disk
AC 2500 Leveling Disk
AC transport 28 blade disc
Assorted 3 pt Disc Harrows
Brinkley Wilbeck 7 shank soil saver
Bush Hog 1435 tandem plow disc w/new blades
Bush Hog 10' offset disc
Bush Hog 146 w/Hyd. Cyl.
Bush Hog 13 ft tandem
JD BWA 12 ft tandem
Glencoe Series III 13 shank soilsaver
Int 470 13 ft tandem
JD 115 leveling disk
Kewanee wing disc
Krause 20' offset disc
MF 40 Leveling Disk
*Miller 9' offset disc, 10' 3-Bar Offset
Miller 12 ft offset disc
Offset 8' disk
Assort. 8'-16'. Bush Hog, IHC, JD,
Kewanee and MF transport disc harrows

HAYBINES

Case 8340 Haybine
*Case IH 8330
CIH 3309 Discbine
Gehl DC-2330 Discbine
Hesston 1070, 8200
NH 472, 474, 478, 479, 489, 495
NH 477 - 7'
NI 270 cutditcher
NI 5212 Discbine

CULTIVATORS & HARROWS

Brand Transport springtooth 14' fold up
wings harrow, like new
Chain Harrows
Koch 3 Pt 4X cultivator, Danish tine
2, 4 & 6 Row Cultivators
JD 400 rotary hoe

ELEVATORS

Allied 36' Grain Elevator
Belt Conveyors
IH 24 Ft Hay and grain
NH 55, 132, 137, 155 Elevators
4, 5, 6, 8" Grain Augers

SIDE RAKES & TEDDERS

DF KH500 4 star
DF KH2 52 tedder, 45 tedder
Grimm PTO Tedders
Fahr 6 Star Tedder, KH40 tedder
JD 660 side rake w/dolly wheels
NH 259 Hayrake
NH 256 Rake, 256 Side Del Rake
NI 400, 404 Rakes
Pequea 710 Tedder

CORN PLANTERS

AC 4 to 6 row no till, AC 8R
AC 330 6R no-till
Int 250A 2 row, pull type
JD 7000 4X Planter
JD 290 trailer,
JD 3pt 2x planter
2 Row 3 Pth - JD, Ford, AC and Int

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Caretree 36", 24", 20" & 30"
Vermeer 20", 24", 3 pth

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Agri Metal Bedding chopper
Alamo versa boom mower
Anema 360/1000 Forklift Attachment
Arps 300 6' Front Blade
Asst Used 3pt finish mowers
Assorted 5', 6', & 7' Pull Type Rotary Mowers
Badger 3 pt hyd driven tree weeder
Bearcat 24 Roller Mill
Befco 6' 3pt Rototiller
*Befco, Bush Hog & Woods finish
mowers 4', 5', 6', 7', 7 1/2'
Best Power Trowel
Best Land Rock Picker (2)
Betterbilt 1100 gallon vacuum spreader
Bush Hog 258 Mower
Cargo Winch for Case 310, 350
Cargo Winch for JD 450 or 550
Case/IH 8610 Bale Processor
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Glennac Pro-6 Rake
Gorman Rotary Irrigation Pump PTO
Holland Planter
Howard Rotovader E
NEW Harley Power Landscape Rakes
IHC 5100 Grain Drill
IHC 9' Sickle Mower
IH 574 yr around cab
Int 30 Windrower
Int 25 Potato Planter
JD 8300 Drill
JD Flail Mower 25H
JD 503 Rotary Mower
JD 216 2 row potato planter
JD 30 2 row potato diggers
JD Hyd Hay Thrower w/Kicker
*Kubota SL1271 Rototiller
Lg Assortment 3 Pt rotary type mowers
Lulliston 9680 Grain Drill
Lulliston 8' Drill, No-Till
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MC 12' Pull-Type Rotary Shredder
MC 3 Pth Lawn Genie pick up mower
Mel Cain 410 Rock Picker
Mohawk 125 Back Blade
NH 144 Wind Row Inverter
NH 451 Sickle Mower
NH 706 Scoop
NI 272 Flail Mower
NI double spinner fertilizer spreader
Niemeyer 350 Tiller
Paul livestock scale
2R potato planters
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Shaver post pounder 3 pt, HD8
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Sundance Tub Grinder 901
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Torco Cinder Spreader
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York 8&rsquo, rock rake
Holland 2R trailer transplanter w/water tanks
York stone rakes trailer
4 of 3 Pth & skid steer mtd tree planters
3pt PTO Post Hole Diggers
3 pt hyd drive post hole diggers
3pt flail mowers
3pt rear scraper blades assorted sizes
6', 8', 10' lime & fertilizer spreaders
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4'-20' Gates
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fast h.tch mounted & trailer

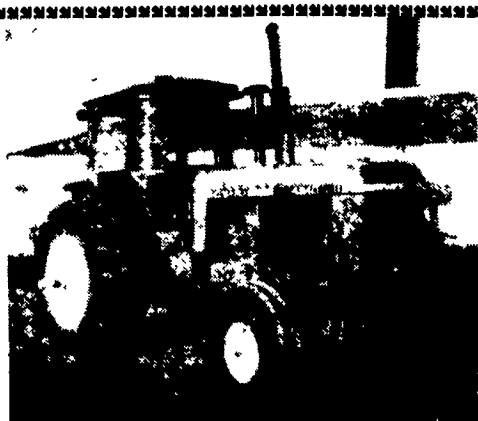
*This machine is in VG cond or
has less than 1000 hrs of use



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Hesston 540 Round Baler, 1000 Lb. Bale
Hesston 1340 12' Disc Conditioner, 3 pt Swivel Hitch

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Pequea 1018 Deckover Trailer
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NH 617 9' 3pt Disc Mower, 2 Years
AT1 805 Preseeder
Kuhn GMD66 HD 3 pt Disc Mower
Kuhn GMD 700 9' 3 Pt Disc Mower
Kuhn 452T 17' Tedder
NH 489 w/New Rolls

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Kubota B2150 Loader Backhoe, 4WD
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Grasshopper 721D w/Catcher, 340 hrs.
Grasshopper 721D, 1995, 1500 hrs
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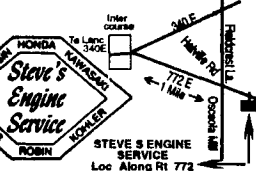
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JD 2510 syncro range..... **\$5,500**
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JD 7720 Titan II, 1987..... **\$45,000**
JD 7720, 1981..... **\$23,500**
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Bobcat 853 skid steer loader..... **\$12,500**
NH LX885 skid steer loader..... **CALL**

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JD 3970 chopper..... **\$15,500**
JD 3R row crop head, as is..... **\$3,500**

CORN/SOYBEAN PLANTERS

JD 7000 5R splitter..... **\$6,500**
JD 7000 6R Planter, frame mounted
Coulters..... **\$6,500**
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coulters, as is..... **\$3,750**
JD 7200 6R, dry fert. insecticide,
no markers..... **\$12,000**
JD 7200 6R liquid fert..... **\$14,500**
JD 7240 11 Row Planter, Liquid Fert. **\$25,000**
JD 7240 11R corn & soybean planter,
dry fert..... **\$24,500**
JD 7240 11R, no fert. markers..... **\$16,000**
JD 7240 11R, dry fert, no markers..... **\$16,600**

GRAIN DRILLS

JD 8300, 11' DD grain drill..... **\$2,500**
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JD 1560, 10' no-till grain drill..... **\$16,500**

TILLAGE EQUIPMENT

Brillion 10' chisel plow..... **\$1,100**
JD 975, 3 bottom switch plow new..... **\$4,780**
JD 950 12' roller harrow..... **\$2,750**

HAY EQUIPMENT

Vicon 240 3 pt disc mower..... **\$1,750**
JD 535 round baler w/net wrap..... **\$18,500**
NH 411 disc mower..... **\$7,500**
Hesston 1010 hydra swing mower
conditioner..... **\$2,000**
JD 1209 Mo-Co..... **\$1,500**
JD 328 square baler w/40 ejector..... **\$10,000**
JD 347 Square Baler w/30 Ejector..... **\$7,500**
NH 256 hay rake..... **\$1,500**

MISCELLANEOUS

Grove bale wagon..... **\$800**
Woods 121 10' rotary cutter..... **\$2,750**
JD 709 rotary cutter..... **\$2,500**
Oswalt 200 mix wagon..... **\$11,000**
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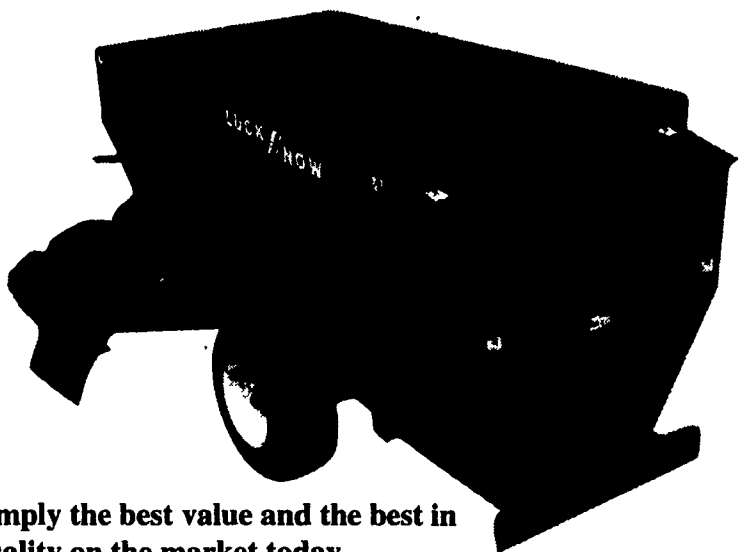
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16.9-24.17.35/24	181.22	14.9-28.14.9-30	257.40
16.9-28.14.9-30	183.11	14.9-38.15.5-38	307.78
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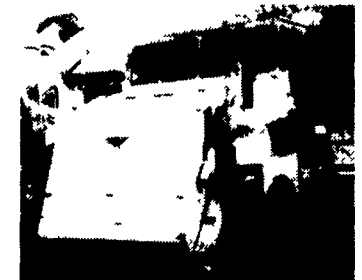
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JD 7000, 12-Row Corn Planter w/Dry Fert	
JD 7000 8RW Planter	

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TRACTORS

JD 4430 w/Duals, Excellent Condition	
JD 6300, Cab, 1,600 Hrs.	
MF 65 w/Front End Ldr.	
Mustang 552 Skid Loader, 1987, 807 Hrs, Excellent Condition	

LAWN & GARDEN

1998 JD 345 Lawn Tractor w/110 Hrs., Like New	
JD 425, 759 Hrs.	
1989 JD 260 w/Power Flo Bagger	
JD LX188 w/48" Mower	
JD LX178 w/Bagger	
1998 Troy Bilt 38" Walk Behind Mower	
Woods 6160 Front Mower, 48" Deck, Like New	

MISCELLANEOUS

IH 6 Row Cultivator	
Woods 20' Batwing Mower	
Woods 315 15' Batwing Mower, Excellent Condition	
IH 15' Flail Cutter, 1991, Like New	
Tiger Right & Left Hand Flail Mower, Fits Case 5240 Tractor, Good Condition	
Tiger 74" Side Mower, Fits JD 6300	

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Interest Waiver Till Sept 1, 2000

JD 9600 1994 4WD, 1,220 Hrs	\$79,500
JD 9600 1989 4WD, Dual 18 4x42 Heavy Duty Planetary	\$59,900
JD 9400 1994, 517 Sep Hours	\$75,000
JD 9400 1990, 1,665 Hrs	\$51,000
JD 9400, 1989, 1,687 Hrs	\$40,000
JD 7720, 1982, 4WD	\$14,000
JD 7720, 1981, 2WD	\$10,000
JD 843 Corn Head	
JD 644 Corn Head	
JD 643 Corn Head	
JD 924 Cutter Bar	
JD 920 Platform	
JD 922 Platform	
JD 224 Flex Cutter Bar	
(3) JD 220 Cutter Bar	

DRILLS & PLANTERS

JD 7200 12R, Front Fold, Liquid	
JD 750 No Till Drill, 1997, Like New	

TRACTORS

JD 8400 1997, 487 Hrs., 710/70/38 Dual Tires	\$95,000
JD 7600 1993, MFWD, Cab, PS, 1,252 Hrs.	\$52,000
Case 4230, Cab & Air, 915 Hrs, 15.5x38 Tires, Super Sharp	SOLD \$22,500
IH 484, Diesel, Nice Condition	

COMPACT TRACTORS

Kubota 2250, 2WD Low Hrs. w/60" 3 Pt. Mower	
Kubota B8200 Hydro w/Woods RD6000 Mower, Like New	

IN STOCK TRACTORS

JD 8300

MISCELLANEOUS

JD 820 MoCo, 1996, Excellent Condition	\$9,800
JD 215 Disc Harrow, 15'	
Woods P990 Mower, Like New	
JD 740 Loader, Like New w/Joy Stick Control	
Hanson Grain Cart, 450 Bushel	
JD 201 Implement Trailer	



Salesmen: Bill Cooper, Jack Wright, Buddy Bramble

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Tractor, 1,900 Hrs.,
Good Condition.....(O)Case IH 7240 Magnum
Tractor, 1242 Hrs., Very
Nice.....(O)Case IH 1666, 1993,
1,230 Hrs.,
Very Nice.....(O)

TRACTORS

IH 2404 Very Nice (B)
IH 784 (O)
IH 706, Diesel (N)
IH 460, Gas (N)
IH 254, 4WD w/L306 Woods Mower (N)
IH 235, Hydro (O)
Case 970, Diesel, No Cab (O)
Bolens H1502 w/Mower (B)
MF 1230, 4WD, Hydro, 320 Hrs (B)
MF 1155 (N)
AC D17 w/Kelly 600 Loader (N)
Ferguson T030 (N)
Oliver 2255, 4WD w/Cab (O)
Mitsubishi 372 w/Mower (N)
Kubota B7100 4WD w/Dozer Blade (N)
Case 1840 Skid Steer w/Cab Enclosure, 388 hrs (B)
Case 1845C Skid Steer Very Nice (O)
Gehl 6625 Skid Loader (N)
Owatawa 345 Skid Loader w/Buckets, 2,010 Hrs (O)

HAY & FORAGE

IH 430 Baler w/#10 Thrower (B)
Case IH 8840 SP Mower Conditioner, 419 Hrs. (O)
IH 3104 Disc Mower (N)
NH 499 12' Haybine (O)
IH 35 Hyd Drive Hay Rake (O)
Vicon 4 Star Tedder (O)
Deutz KH500 Tedder (N)
Deutz Fahr 6 Star Tedder (N)
Grim Hay Tedder (N)
Kuhn 452 Tedder (N)
Case IH 4212 Combo-Mulcher \$6,950 (N)
NH 741 Corn Head (N)
NH 728 Pickup Head (N)

COMBINES

IH 2166 w/925 Engine Hrs (N)
Case IH 1666, Real Nice (O)
IH 1460, Nice Condition (O)
MF 550 w/4 Row Corn Head, 13' Grain Head (B)
MF 540 (O)
IH 915, 13' Grain Head, 3,800 Hrs (O)
IH 93 w/Grain Head Best Offer (N)

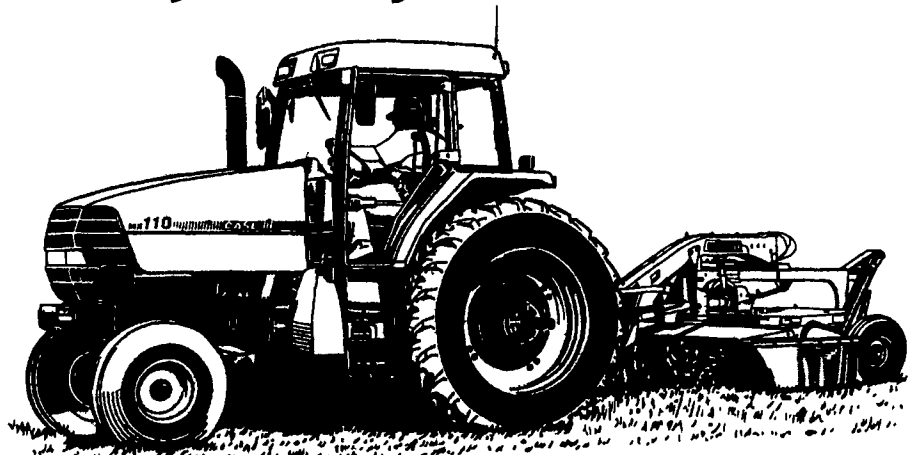
USED TILLAGE EQUIPMENT

JD 4200 3 Btm Rollover Plow (N)
IH 510 Plow, 4 Btm 16" (N)
MF 82 4 Btm 3 Pt. Plow (B)
Ford 4 Btm 16" Plow (N)
Ford 131 9 Tooth 3 Pt. Chisel Plow (N)
Taylorway 10 Tooth 3 Pt. Chisel Plow (N)
JD BWF 12' Tandem Disc Harrow (O)
McConnell 16' Transport Harrow (B)
IH 4500 Field Cultivator (N)

MISCELLANEOUS

Hiniker Tractor Cab, Fits IH 56-66 Series \$1,500 (O)
JD Fender & ROPS, For 2155 Tractor (O)
Gehl 125 Grinder Mixer (N)
NH 355 Grinder Mixer, 1993, Nice (B)
IH 5100 24x6 Drill w/Press Whls. & Grass Seeder (N)
White 5100 4 Row Corn Planter (O)
JD 7000 6 Row Planter, Liquid Fert. (O)
Woods FM72 3 Pt. Flail Mower, Very Good \$1,800 (O)
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16150, 16200, 16250, 16300, 16350, 16400, 16450, 16500, 16550, 16600, 16650, 16700, 16750, 16800, 16850, 16900, 16950, 17000, 17050, 17100, 17150, 17200, 17250, 17300, 17350, 17400, 17450, 17500, 17550, 17600, 17650, 17700, 17750, 17800, 17850, 17900, 17950, 18000, 18050, 18100, 18150, 18200, 18250, 18300, 18350, 18400, 18450, 18500, 18550, 18600, 18650, 18700, 18750, 18800, 18850, 18900, 18950, 19000, 19050, 19100, 19150, 19200, 19250, 19300, 19350, 19400, 19450, 19500, 19550, 19600, 19650, 19700, 19750, 19800, 19850, 19900, 19950, 20000, 20050, 20100, 20150, 20200, 20250, 20300, 20350, 20400, 20450, 20500, 20550, 20600, 20650, 20700, 20750, 20800, 20850, 20900, 20950, 21000, 21050, 21100, 21150, 21200, 21250, 21300, 21350, 21400, 21450, 21500, 21550, 21600, 21650, 21700, 21750, 21800, 21850, 21900, 21950, 22000, 22050, 22100, 22150, 22200, 22250, 22300, 22350, 22400, 22450, 22500, 22550, 22600, 22650, 22700, 22750, 22800, 22850, 22900, 22950, 23000, 23050, 23100, 23150, 23200, 23250, 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37600, 37650, 37700, 37750, 37800, 37850, 37900, 37950, 38000, 38050, 38100, 38150, 38200, 38250, 38300, 38350, 38400, 38450, 38500, 38550, 38600, 38650, 38700, 38750, 38800, 38850, 38900, 38950, 39000, 39050, 39100, 39150, 39200, 39250, 39300, 39350, 39400, 39450, 39500, 39550, 39600, 39650, 39700, 39750, 39800, 39850, 39900, 39950, 40000, 40050, 40100, 40150, 40200, 40250, 40300, 40350, 40400, 40450, 40500, 40550, 40600, 40650, 40700, 40750, 40800, 40850, 40900, 40950, 41000, 41050, 41100, 41150, 41200, 41250, 41300, 41350, 41400, 41450, 41500, 41550, 41600, 41650, 41700, 41750, 41800, 41850, 41900, 41950, 42000, 42050, 42100, 42150, 42200, 42250, 42300, 42350, 42400, 42450, 42500, 42550, 42600, 42650, 42700, 42750, 42800, 42850, 42900, 42950, 43000, 43050, 43100, 43150, 43200, 43250, 43300, 43350, 43400, 43450, 43500, 43550, 43600, 43650, 43700, 43750, 43800, 43850, 43900, 43950, 44000, 44050, 44100, 44150, 44200, 44250, 44300, 44350, 44400, 44450, 44500, 44550, 44600, 44650, 44700, 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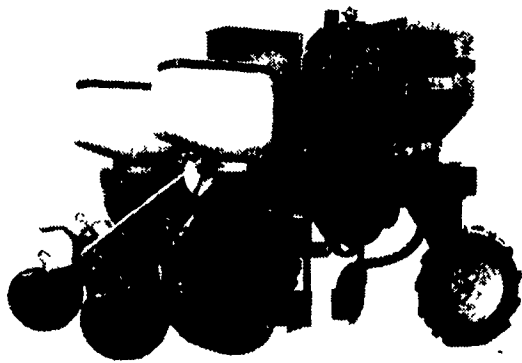
New Vegetable Seeder Finally, One Planter for All Seed!

Surpasses All Others at Thousands Less \$\$\$

Ideal for
Sweet Corn!

Two Row With
Stainless Steel
Fertilizer and
Insecticide
Hoppers!

NEW!
NEW!



Only \$5,995.00

Money Back Guaranteed!

MaterMacc

Plants All Size Seed from
Raw Lettuce to Lima Beans!

Quick Change Row Spacings!

Quickly Change Seed Variety!

Quick Fertilizer Clean Outs!

1.5 Thimble Seed Charging!

One Disc for All Corn and Beans, Only 12 Discs For All Seed!

Corn Peas Beans Cukes Pumpkin Squash Carrot Beet Onion Cabbage Broccoli Radish Lettuce Turnip

	Model 8100 With Fixed Toolbar	With Fertilizer & Insecticide	With Fertilizer & Insecticide & Herbicide
1 Row	\$3,795	\$4,650	\$5,665
2 Row	\$4,695	\$5,650	\$6,665
3 Row	\$6,295	\$7,450	\$8,825
4 Row	\$7,830	\$9,490	\$11,200
5 Row And Up - Call For Prices.			

Shown At: New Jersey VGA, January 18-20
Hershey PA VGA, January 25-27

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Baltimore, MD

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FORKS...FORKS...FORKS...
\$150 & up
per pair



GENERATOR
20 KW,
Kohler Diesel,
211 Hours
\$4,500

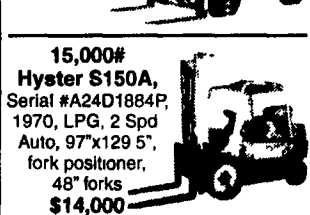


(2) 40' SHIPPING CONTAINERS
One Fully Insulated
(Spray on Foam)



\$1,500
or \$2,000
For Both

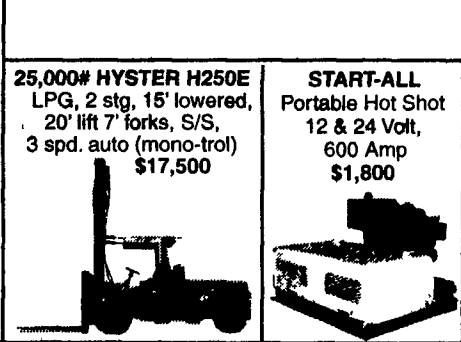
40,000#
Clark,
6' Forks,
Needs
Engine
\$15,000



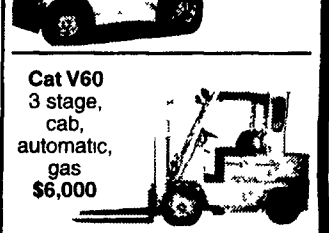
PNEUMATIC FORKLIFTS
12,000 lb. Hyster, H120C 15' lift \$8,500
15,000 lb. Hyster, 18' lift, gas... .. \$12,000

SOLID TIRE FORKLIFTS
5,000 lb Nissan Forklift with paper roll clamp \$7,000
2,000 lb tow motor, LPG, 2-stage \$1,900
9,000 lb Cat, hydro trans., LPG.. \$7,500

MACHINES
Electric Submersible Pumps,
140 GPM at 70' "3,000 new" \$700 each
Jet Pumps \$50 each
Ice Rink Surfacers-ZAMBONI, 4 WD, V4 gas \$3,500
Mixer, 20 qt, 3 speed, 115V.... \$500
125 hp, elect., 9 1/2" pump & controller \$4,000



6000# A/C
Dual Tire,
Gas
\$5,000
Tires Filled



Cat V60
3 stage,
cab,
automatic,
gas
\$6,000

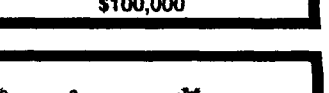


7000#
Hyster
Diesel
\$2,000

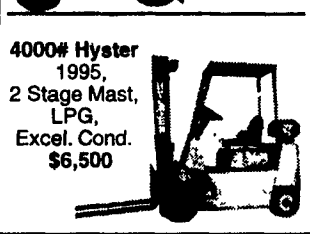


Solid (Air Type Tires)

10,000#
YALE 2 stg.,
LPG, auto
\$6,500



15,000#
Hyster S150A,
Serial #A24D1884P,
1970, LPG, 2 Spd
Auto, 97"x129 5",
fork positioner,
48" forks
\$14,000



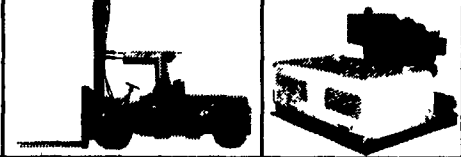
5000#
Hyster
3 Stg.
Mast, LPG,
New Tires,
Runs Good
\$4,500



4000# Hyster
1995,
2 Stage Mast,
LPG,
Excel. Cond.
\$6,500



25,000# HYSTER H250E
LPG, 2 stg, 15' lowered,
20' lift 7' forks, S/S,
3 spd. auto (mono-trol)
\$17,500



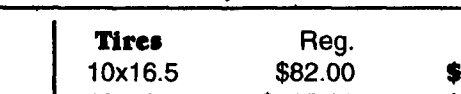
MECHANICAL PRESS BRAKE
Cincinnati 375 Ton,
\$8,500
14' & 12' BC
Must Sell



15 TON P & H RT CRANE,
60' Boom, Detroit Diesel,
2nd Winch On Carrier
\$12,000



50 TON P&H 1984
Full Boom, 2 Winches,
Some Fire Damage
\$100,000



Season of Savings

December 20, 1999 - January 15, 2000

Re-Tooth Your New Holland Hay Rake

Steel 64562
(all models) \$0.70
Rubber 850613
(2 holes) \$2.80
Rubber 850612
(1 hole) \$3.00



Haybine Guards

86553340
Reg. \$9.75
Now \$8.00



Blue Suspension 5 Position Seat

Reg. \$138.75
Now \$110.00
w/Slider Reg. \$148.00
Now \$120.00



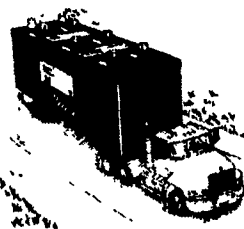
Audiovox 2-Way Radio

Blue & Yellow
Reg. \$116.75
Now \$99.00
Camouflage Reg. \$123.83
Now \$105.00



Batteries

	Reg.	Now
F150DS 4DLT (Fits Most Diesel)	\$117.50	\$99.00
F200DS Group 1 (Fits 6 Volt System)	\$43.00	\$36.00
F165DS Group 24	\$51.65	\$42.00



Tires
10x16.5 \$82.00
12x16.5 \$115.00
10x16.5HD \$135.00
12x16.5HD \$158.00

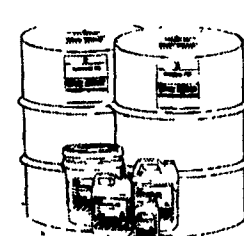
Reg.
Now

\$72.00
\$96.00
\$102.00
\$135.00



Preseason Twine Sale

Call For Special Prices
New Holland Sisal & Plastic
Clover Sisal & Plastic



30W, 10W30, 15W40, Engine Oil 134 Hydraulic Oil

	Reg.	Now
2.5 gal.	\$13.00	\$11.50
5 gal.	\$25.00	\$22.00
55 gal. Drum (2 or more drums)	\$217.00	\$198.00
		\$193.00

10% Discount On All Service Work
Booked During These Four Weeks.

Excluding Haybine Roll Special.
Talk To Russell to Get On The Schedule

Leatherman Super

Tool Reg. \$54.95
Now \$45.00



Gift Certificates will be given to
25 people who purchase parts during
Season of Savings. The amount of the
gift certificate will be 1% of total
money spent.



Come in and sign up
for our door prizes.

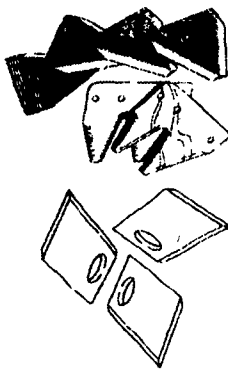
We will have
coffee, cookies
and cold drinks



Haybine Roll Special

2-new rolls 8 flanges Models 469,479,488 \$1650.00*	4-bearings & collars & labor to replace Models 489,492 \$1550.00*
---	---

* This price is in house repair only. Any extra parts or
labor to replace, other than rolls is additional



Knife Section

	Reg.	Now
9622744DS (top serrated)	\$0.58	\$0.45
29875DS (underserrated)	\$0.59	\$0.45
Disc Mower Blades	Reg	Now
853819, 853820 models (408, 411, 412, 415)	\$1.10	\$0.90
9847683, 9847684 models (1411, 1412, 1431, HW, 615, 616)	\$0.98	\$0.80

All Other Knives And
Disc Blades 15% OFF



NEW HOLLAND

10% OFF
All Parts Excluding
Specials As Listed

CHARLES S. SNYDER, INC.

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FAX 570-386-4080
SAT. 8:00 AM TO 12:00



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A WENGER COMPANY

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e-mail: agind@eclipsetel.com



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AG INDUSTRIAL, INC.

and the

JCB FASTRAC

at the

Keystone Farm Show

January 4, 5 & 6

East Wing Floor Area Booth #176



The JCB Fastrac Tractor. **Road speed of 40 mph**, models from 115 to 185 hp.

Full Suspension chassis with equal weight distribution, which aids in decreasing soil compaction. Air over Hydraulic Disc Brakes, with Trailer Brake hook up's Standard. Hydraulic Trailer brake hook-up optional.

READING KUBOTA

A WENGER COMPANY

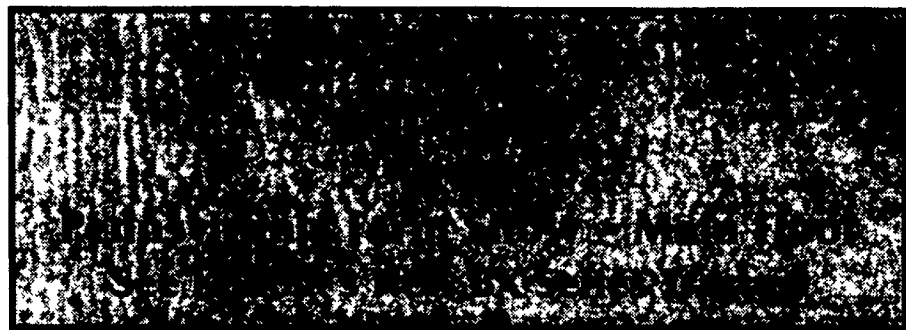
1112 E. Box 2008 Reading, PA 19601
Along Rt. 613 Mile North of Reading

Phone 610-926-2441 • Fax 610-926-0970

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Kubota Tractors & Equipment

• **USED COMPACT TRACTORS** • **USED SKID LOADERS**
• **REAR BLADES** • **BACKHOES** • **LOADERS**



KUBOTA L2550 GST
4WD Tractor w/Loader
Backhoe, 30 HP

USED LAWN & GARDEN TRACTORS

Kubota T1600, 2WD Diesel,
44" Belly Mower, Hydro
JD 425 w/Grass Catcher, 48"
Deck, All Wheel Steering, only
140 Hrs.

Cub Cadet 1863 48" Mower
Kubota G1900 w/60" Mower
Kubota FZ2400, 60" Deck, Low Hrs.
Gravely Gem 16, 50" Mower



KUBOTA L2900 GST
4WD w/Loader, 32 HP,
Low Hours - Especially Nice!



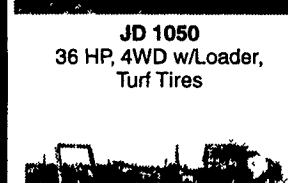
JD 1050
36 HP, 4WD w/Loader,
Turf Tires

USED 15 TO 24 HP TRACTORS

(3) Kubota B7100's, 4wd - Priced
To Sell
Ford 1100 13HP Diesel, Nice
Satoh Beaver w/Belly Mower,
Diesel - Make Offer



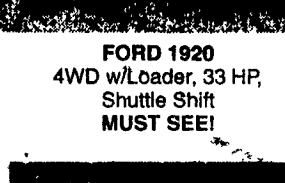
FORD 1920
4WD w/Loader, 33 HP,
Shuttle Shift
MUST SEE!



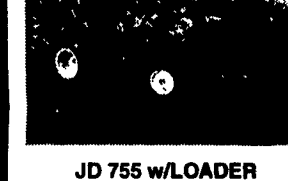
JD 755 w/LOADER
Excellent Condition, 4x4

USED 25 HP & UP TRACTORS

Kubota L35 TLB
Kubota L4150, 50 HP, 4WD
w/Loader
(2) Kubota L2550 GST 29 HP,
w/Loader, 4x4, Priced To Sell
Ford 3000 Gas, Showroom Cond.
Ford 655A TLB Cab, Priced
To Sell
Kubota L305 DT 4 WD w/Loader,
30 HP, Showroom Condition



FORD 1710
4WD w/Loader,
Nice Condition



KUBOTA B8200 HST
w/Loader and Power Steering,
19 HP - \$8,500

MISC. EQUIP.

New Bush Hog 72" MTH720
Finish Mower **Blow Out Price**
Used Landpride Overseeders -
SALE OR RENT
Kubota BF800 Loader to Fit
L3350-MAKE OFFER
4, 5, 6 Ft. Landscape Rakes In Stock
3 Pt. Dump Carts In Stock
3 Pt. Spreaders (In Stock)
New Harley Rakes In Stock
Used Kubota Belly Mowers in stock
F35 Woods Belly Mower nice -
make-offer
New Snowblowers In Stock
Used Landpride AT 2590 3 Pt.
Finish Mower



KUBOTA B1750 w/LOADER
& Backhoe, 4x4, Ex. Cond.,
Must See

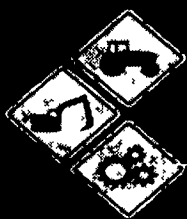
**WE RENT EXCAVATORS
& BACKHOES**

**WE RENT AND/OR
SELL LOG SPLITTERS**

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7:30 AM to 5:00 PM

Sat. 7:30 to Noon



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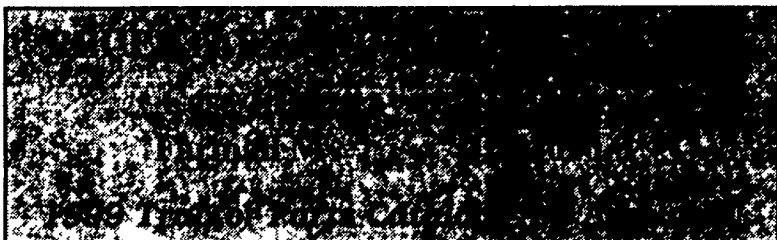
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Fax 717-866-7866

FARM TRACTOR PARTS

USED - RECONDITIONED - NEW

Largest Computerized Inventory In The East



PARTS SALES POSITION AVAILABLE

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Tuesday January 4, 2000 thru Thursday January 13, 2000

15% Discount on all new aftermarket tractor parts in stock

10% Discount on all reconditioned parts in stock

light lunch will be served January 4th, 5th, 6th, 10th, 11th & 12th

We will also be at the Keystone Farm Show and the PA Farm Show

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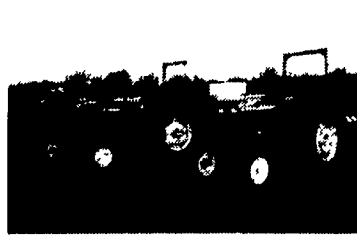
MYERSTOWN, PA 17067



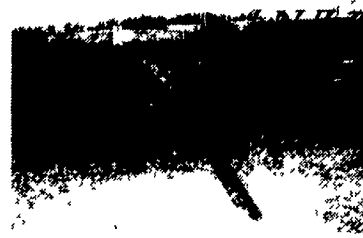
White 271 18' rock flex disc,
very nice



Massey Ferguson #820 18' Rock Flex
Wing Fold, Good Condition, Fair Paint



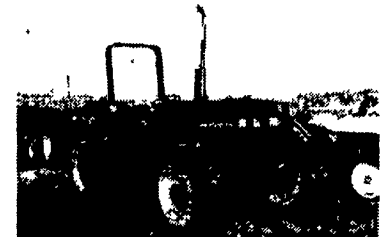
(3) John Deere 900 HC Offset,
Tractors w/Cultivators



John Deere 8' Offset Disk



Kewanee 12' Heavy Duty Rockflex,
Good Condition, Fair Paint



Case IH 595 4WD, 2 Remotes,
Rollbar, Low Hours, Very Nice



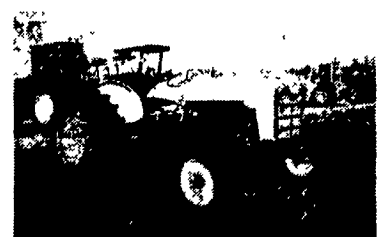
Farmall C Tractor in Good
Condition, Also A Factory Farmall
Snow Blade in Good Condition
(Will Sell Separate)



Case IH 695 4WD w/Case IH 2255
Loader Attachment, Joystick Controls,
Reverser Transmission, Nice



JD 4050 Power Shift, 2R,
4,700 Hrs., Very Nice



Ford 861 Gas, Good Condition,
Wheel Weights, 3 Pt. Hitch, PTO,
Remote Valve



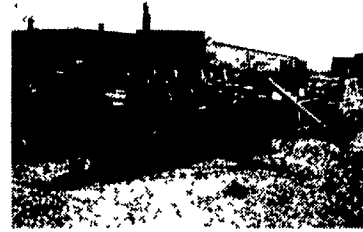
3 pt. Hitch Snowblowers
4', 5', 6' & 7' in stock
(1) 5' for skid steer in stock



IH 710 3x16 Semi Mount Trip Back
Plow w/Coulters, Very Nice



Krause 21' Landsman Field
Finisher, Very Good



Brillion 16' End Transport,
Good Condition



Tri-Star Tandem Axle Grain/Livestock
Trailer, 9,000 GVW, 16' Dump w/52"
Sides, Good Condition

TRACTORS

JD 6030, Open Station
JD 4630, Cab, Quad
JD 4430, Cab, Quad
JD 4240, Cab, Quad
JD 4050, Cab, Powershift
JD 4030, Open Station, Quad
JD 4020, Cab, Syncro, 70 Model
JD 4020 D, Syncro, 69 Model
JD 4020 D, Syncro
JD 4020 D, Powershift
JD 4020 Hi Crop w/Rollbar, Console
JD 3020 D, Syncro, Low Hours, 69 Model
JD 2940 w/Rollbar & Roof
JD 2630 w/or w/o JD Loader
3) JD 900 Offset w/Cultivator
JD D, Styled, Good
JD G, Unstyled, Redone, (inside)
JD AR, Redone, (inside)
IH 1468, V-8, 2 Post Canopy
IH 1086 w/ROPS
IH 886, Cab
IH 826 D, WF, Flat Top Fenders
IH 574 Gas w/Cab
IH 454 Gas w/QT Loader (Poor)
IH 154, Cub Lo-Boy w/5' Mower
Case IH 695 4WD w/2255 Loader
Case IH 595 4WD Low Hours, Nice
Case IH 265 Offset
AC 7080, Cab, Nice
AC 200 Open Station
AC 6140 4WD, 40 HP
AC G, Good
AC CA, Wide Front
Ford 861, Good Cond.
Ford 860
Ford Golden Jubilee
Ford 8N, Nice
Farmall 140 w/cultivator (nice)
Farmall 300, FH, Power Steering
Farmall 230, FH
Farmall 200, FH
Farmall 130 w/Mower
Farmall M w/loader (will separate)
Farmall C
2) Farmall Cub w/Hydraulics
Farmall Super C, WF, FH, Cultivator
2) Farmall Super H
MM 670, Gas, WF, 3 pt.
Oliver 66, WF, 3 pt.

PLOWS

IH 720 7x16, Auto Reset, On land
IH 720 5x16, Auto Reset
IH 720 5x16, Toggle Trip, Nice
IH 710 5x16, Auto Reset
IH 710 4x18, Auto Reset
IH 710 4x16, Auto Reset, Nice
IH 450 3x16 Auto Reset
White 548 4x18, Auto Reset
White 549, 5x18 Auto Reset, Nice
JD 3600 5x18, Auto Reset, Pull Type
JD 3825 2x 3 pt. Switch Plow
2) JD F145 3x 3 pt. Plow
4) JD 4x Pull Type Plow
JD 2x14 3 pt. Trip
JD 2x16 3 pt. Trip Plow
2) Oliver 2x Pull Type Plow
3) Dearborn 2x14, 3 pt.,
Several IH 1, 2, 3 & 4 X FH Plows
Many More Small Plows Not Listed

SICKLE BAR MOWERS

2) NH 451 7' 3 pt. sickle
NH 455 7' Pull Type
3) JD 350 7' 3 pt. Sickle
Ford 515 7' 3 pt. Sickle
Ford 501 7' 3 pt. Sickle
IH 1300 7' Semi-Mount
IH 7' Fast Hitch Sickle
IH Cub Sickle
AC 7' Rear Mount Sickle Mower

DRILLS

EZ flow 4' and 8' lime drills
JD 8200 21x10 DD soybean drill
JD 8200 14x7 DD grain drill
IH 5100 21x7 DD w/Grass & Press Whls.
IH 510 16x7 DD w/Grass & Fertilizer
MF 33 15x7 SD w/grass & fertilizer

MANURE SPREADERS

JD 350 Spreader, very nice
JD 350 w/tailgate and pan, sharp
IH 530 Spreader
Schultz 150 Bushel PTO Spreader
New Idea 14A Spreader
NI 3615 Sharp
NI 3609 Sharp
NI Tandem Axle & Tailgate
NH 328

DISC HARROWS

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Kewanee 14' Flat Fold
2) Kewanee 12' Rockflex, 1 is Heavy Duty
Kewanee 14' Rockflex, Flat Fold
Hutchmaster HD 12' offset
Sunflower 18' Rockflex
JD 10' TWA Cutting Disk
IH 10' transport disk
3) IH 8' Transport Disk
2) Miller 11' Offset
IH Cub 4' Disk
IH 8' FH Disk
IH 8' 3 pt. Disk
Ford 6' 3 pt. Disc
MF 18' Rockflex wingfold
MF 10' Rockflex
MF 11' Disc
AC 9' Transport Disc
Oliver 8' Transport Disk

SNOW EQUIPMENT

Agro Trend 4' 3 pt. snowblower
Walco 5' 3 pt. snowblower
Agro Trend 6' 3 pt. snowblower
Agro Trend 7' 3 pt. snowblower
Inland 5' skid steer snowblower
Farmall Cub snow blade
Farmall Super A snow blade
Farmall Super C snow blade
154 Cub lo boy snow blade
JD 10' front blade (fit 4020, 4430, etc.)
JD 8' front blade (fit 4020, 4430, etc.)
(2) 7' snow blade off farm loader
JD 54" blade (fit JD 655)
JD 54" blade (fit JD 318)
AC 6' Snap Coupler Blade
Sauder 7' Front Blade

CHISEL PLOWS

Bush Hog 10T 3 pt.
Bush Hog 12T 3 pt.
Chatanooga 11T 3 pt.
Glenco 10T 3 pt.
Glenco 9T soil saver
IH 10T pull type
(2) IH 11T 3 pt.
(2) IH 13T 3 pt.
JD 10T 3 pt. #1600
JD 12T 3 pt. #1600

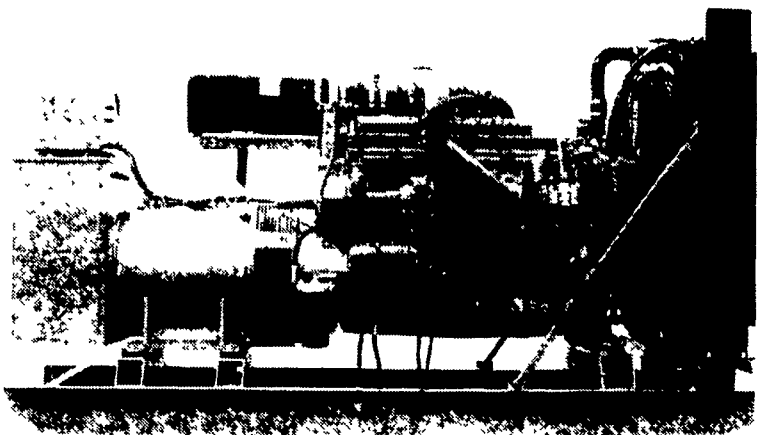
MISCELLANEOUS

Tri-Star 16' Gooseneck Dump Trailer
Worthington 16' Alum. Trailer
3 Pt. Log Splitter
Belt 16' Alum. Elevator
6) Gravity Bin Wagons
Howard 11' 3 pt. HD rotovator
18.4x38 Open Center Duals
20.8x38 Open Center Duals
Bear Cat 1101 Grinder/Mixer
JD 400 Grain Cart
Gehl 4510 Skid Steer Loader
Gehl 3310 Skid Steer Loader
Case 1816B Skid Steer Loader
Gehl 7285 TMR Mixer w/Scales
Tyler ? Tandem Fert. Spreader
JD 27 14' Stalk Chopper
IH 40 12½' Stalk chopper
Danuser FH Post Hole Digger
Buffalo Valley 32' elevator (new)
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Farmco 18' Steel Hay Wagon
Iron Age Ground Drive Potato Digger
8' Land Roller
Woods 3180 15' Batwing
Woods 2126 10½' Mower
Bush Hog 7' 3 Pt. Mower
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Woods 7' 3 Pt. Blade w/Hyd.

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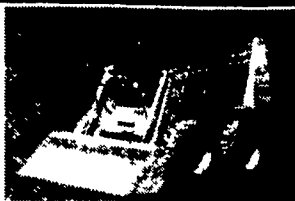
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IH 1066 Cab
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w/Bush Hog Ldr.
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JD 4040 Cab
Oliver 1250G WFE
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JD F725 Mower
NH 268 w/53A Thrower
NH 270 Hay Liner
Claas Rollant 46

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NH 489 Haybine
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NH 553 Skid Loader
NH LX485 Skid Loader
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IH 2 MH Corn Picker
NI 324 Corn Picker
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NH 630 Round Baler
NH 855 Round Baler
JD 510 Round Baler
IH 440 Baler w/Kicker
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JD 6600 Combine
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JD 2955 cab, air, 2W, 1 owner, 2670 hrs
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JD 4450 cab, air, MFWD, power shift
JD 4450 cab, air, quad, 2760 hrs., 1 owner, v. nice
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JD 4640, 1981, cab, air, quad, very nice condition
JD 4640 cab, air, power shift, 1979
JD 4440 cab, air, power shift, 1981, very nice
JD 4440, quad cab, air, 4100 hrs., 1-owner, 20" rubber
JD 4430, 1977 model, factory cab, air, quad
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JD 4620 factory cab, 1972 model
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Case IH 7140 cab, air, MFWD, 20 8x42, loaded
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1994 Bobcat 753 skid steer, 1819 hrs.

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IH 3088 4-post, 2969 hrs, 1984 model
IH 1486 cab, air, new tires, original nice low hour tractor
IH 1486, 1980, cab, air, 3300 hrs., nice
IH 1468 factory red cab w/air, V8 engine
IH 1086 factory cab, air, 3000 hrs, w/engine overhaul
IH 1086 factory cab, air, 1980 model
IH 1086 cab, air, 4600 hrs., new clutch & pressure plate
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IH 1466 red cab, air, 4300 hrs., 1-owner
IH 1066 white cab, 1 owner 2560 hrs
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& snoots IH 820 flex 13'
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JD 913 flex, very nice IH 943 4RN corn head
JD 213 flex head, black reel
JD 216 flex, good cond
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1989 CIH 1660, 2207 hrs., v. nice
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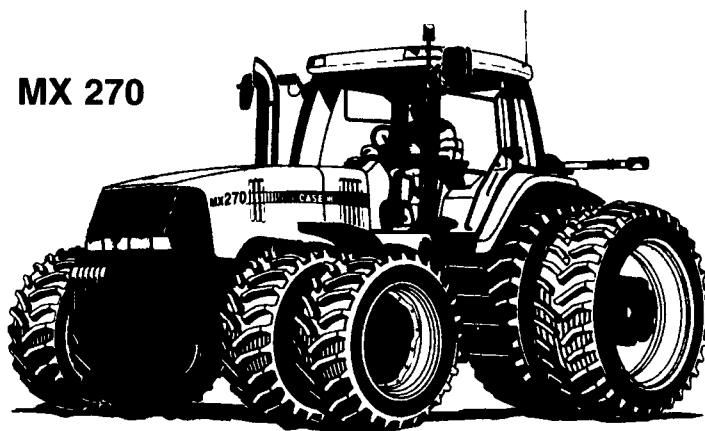
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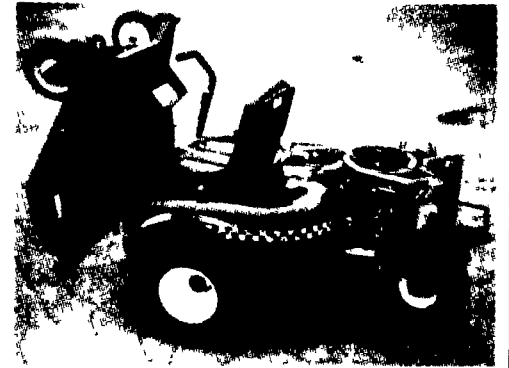
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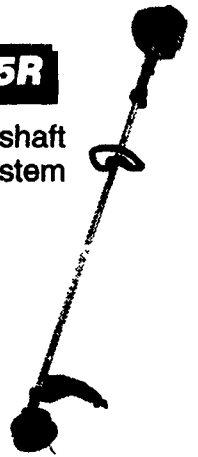


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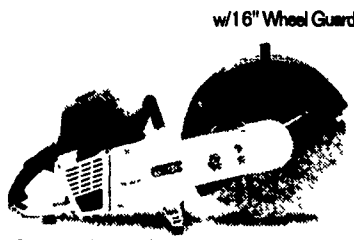
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Corn/Soy Conference Set For Three Locations

NEWARK, Del. — When the 20th Annual Delmarva Corn and Soybean Technology Conference convenes on Feb. 10, 12 in Smyrna, Del.; Denton, Md.; and Pocomoke City, Md., it will not be business as usual.

Instead of a single meeting date, three meetings are scheduled throughout Delmarva in an effort to bring the conference closer to the farmer.

This year's sessions, which run from 9 a.m. through 3 p.m. with an hour break at lunch, will center on interactive discussions.

The primary theme is staying in business with a lesser focus on production agriculture. As a special feature, three farm families have been invited to share their experiences farming on Delmarva for several generations.

Gordon Johnson, University of Delaware Cooperative Extension agricultural agent for Kent County, said four roundtable discussions are planned for the morning and will be repeated in the afternoon.

"We want an interactive meeting this year so farmers can participate in the discussions as much as they wish," Johnson said.

The locations are:

- Northern Delmarva, Thursday, Feb. 10, Asbury United Methodist Church, Smyrna, Del.
- Central Delmarva, Friday, Feb. 11, Caroline County 4-H Park, Denton, Md.
- Southern Delmarva, Saturday, Feb. 12, Pocomoke High School, Pocomoke City, Md.

Roundtable I will be "The Changing Business of Farming: Strategies for Remaining Profitable."

"We have invited farmers, agribusinessmen, bankers and management specialists to sit on this roundtable," said Johnson. "Invited farmers will talk about strategies to remain profitable, followed by a general discussion on a range of short- and long-term challenges for farm businesses." Topic will include changes in agriculture, understanding the farm business; successful management strategies for farms and the importance of records, strategies for maximizing returns in farm businesses; money management and financing; and farmers as entrepreneurs.

For Roundtable II, "Grain Marketing Strategies: Enhancing your Bottom Line," Susan Schoenian from the University of Maryland, Wicomico County Extension office, will lead a discussion to identify successful marketing strategies for grain farmers. In addition to Schoenian, farmers will share their experiences with grain marketing in their operations. Other

participants will include marketing specialists from the Universities of Delaware and Maryland, and grain buyers representing different companies.

Roundtable III will center on production issues, particularly within the areas of biotechnology. For "Biotechnology in Agriculture: Food and Consumer Issues," participants will concentrate on the current debate on genetically-modified foods.

"We have invited guests from the university community; agribusiness, specifically sellers and buyers of biotech-derived products; the farm community and consumer groups," said Johnson. "These guests will share information and concerns about the science of biotechnology, the safety of biotech foods, consumer issues, ethical tissues, the industry point of view, consolidation of the biotech industry, education about biotechnology, world trade issues, exports and acceptance of biotech crops in the United States and around the world."

Roundtable IV will be "Managing Risk through Government Support Programs," which provides an overview on how producers can use government programs in their farm businesses as a tool to manage financial risk. In addition, there will be a discussion of help available for environmental practices. Guest speakers from the Farm Service Agency, the Natural Resource Conservation Service/Conservation Districts, Crop Insurance and other government agencies with programs will be on hand to talk about taking advantage of these opportunities. Included will be discussions of deficiency payments, crop loans, the Conservation Reserve Program, the Conservation Reserve Enhancement Program, the Environmental Quality Incentive Program, federal crop insurance, state cost share and other federal, state and local programs that might be of value to the farmer.

As in past years, the Delmarva Corn and Soybean Technology Conference is sponsored by Cooperative Extension at land-grant universities in Delaware, Maryland and Virginia and by agribusinesses serving the Delmarva area. There will be no commercial or educational exhibits this year.

Registration for the Corn and Soybean Conference will be \$5, which includes lunch. Those interested in attending should register in advance by calling the Cooperative Extension office in their county. Space is limited in each location, so register well in advance. Registration deadline is Monday, Feb. 7.

Keystone Farm Credit Offers Scholarship

LANCASTER (Lancaster Co.) — Keystone Farm Credit has announced the availability of two \$1,000 scholarships which will be awarded in 2000.

Applicants must be high school seniors who plan to attend a four-year college on a full-time basis and major in agriculture or agribusiness. Another requirement is the applicants parent(s) or guardian(s) must reside in Keystone's servicing territory, which includes the counties of Berks, Bucks, Carbon, Chester, Delaware, Dauphin, Lancaster,

Lebanon, Lehigh, Monroe, Montgomery, Northampton, Philadelphia Pike, and Schuylkill.

Notification of the availability of the two \$1,000 scholarships was sent to public and private schools as well as vo-tech schools throughout the 15 counties listed above. Interested students should check with their guidance counselors to secure an application form.

Applications are also available at any of Keystone's offices or by calling Donna Dawson at (610) 268-3864, ext. 21. Submission deadline is Feb. 1.

Farm Bureau Foundation Raises \$10,000 For Ag Education

GLENMONT, N.Y. — New York Farm Bureau Foundation for Agricultural Education, Inc., an educational foundation of New York Farm Bureau, conducted a silent auction as well as a live auction at the bureau's state annual meeting in Albany. These two events, plus generous donations, combined were able to raise approximately \$10,000.

"The success of this event clearly displays the importance of ag education to the farming com-

munity," said Jeffery Kirby, New York Farm Bureau administrator. "We are very proud of our members' support for this worthy cause."

Each year at farm bureau's annual meeting, auctions are held to help fund a portion of the Foundation's projects for the upcoming year. Auction items for both the silent and live auctions were donated from various local businesses, farm bureau members, and county farm bureaus across the

state.

The Foundation's mission is to inform and educate all New Yorkers regarding agriculture and to increase understanding between the farm and nonfarm public. Former Commissioner of New York State's Department of Agriculture and Markets, Richard T. McGuire, is the Foundation's chair.

For more information on the foundation, contact Elizabeth Corron Dribusch at (518) 436-8495.

Dairy Quality Management Meeting Attracts Industry Leaders

MIDDLETOWN (Dauphin Co.) — A newly-formed Regional Dairy Quality Management Alliance (R-DQM-A) is emerging as an important factor in the dairy industry in states from Maine through Virginia and Ohio.

A three-day meeting was recently held at Penn State University. Ag industry, state government, academic and producer groups were all represented. This meeting is a follow-up to an organizational DQM get-together in March 1999 at Cornell University.

The Penn State gathering was a series of three meetings; each designed to make DQM a reality on farms in the region. On Oct. 25, 20 organizational leaders representing all participating states met to plan the development and implementation of DQM materials and

programs. More than 80 people attended a DQM workshop on Oct. 26. The group heard from government and industry groups about what markets and consumers want in dairy quality. They also learned about risk assessment and how it can enable a dairy producer to objectively evaluate procedures and practices that affect milk and meat quality, as well as process and environmental quality.

The third DQM meeting on Oct. 27 was an implementor training exercise. University and governmental personnel who will be conducting risk assessments and implementing quality management plans learned these techniques in the classroom and on-farm settings.

In participating states, some of the elements of a DQM program

will be implemented within the next 12 months, while development of additional DQM modules is continuing.

For more information on the Regional DQM Alliance, contact any of the following: Charles C. Elrod, Department of Animal Science, Cornell University, 272 Morrison Hall, Ithaca, NY 14853, (607) 255-4490; John Adams, National Milk Producers Federation, 2101 Wilson Blvd. Suite 400, Arlington, VA 22201, (703) 243-6111; or Donald H. Lein, Population Medicine and Diagnostics Services, Cornell University, 205 Diagnostic Lab, Ithaca, NY 14851, (607) 253-3900.

For more information on DQM in your state, contact your state department of agriculture or cooperative extension in your state.

Zetor Announces New Open-Station Models For The Super Series

HARRISBURG (Dauphin Co.) — Zetor Tractors has announced new open-station models for its Super Series line. Previously, only cab-type models were offered in the Super Series group.

Engine horsepower range is 66 to 78 in 2-wheel drive models and 59 to 78 in 4-wheel drive models.

Scheduled for availability in April 2000, all of the new models feature synchronized transmissions with 10F and 2R speeds, optional 10F/10R shuttle transmission, foldable ROPS, high-torque, fuel-efficient Zetor engines, with wet sleeve design, and a comfortable, flat platform.

The tractors include side-mounted shifting levers and deluxe seat, electrically-controlled FWD/Diff lock engagement, high-capacity, open-center hydraulic systems, heavy-duty 3-point hitches with telescoping links, standard air compressor, and wet disc brakes.

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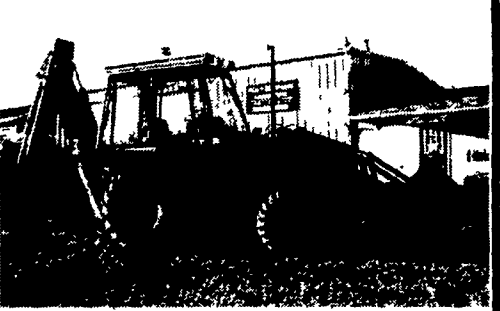
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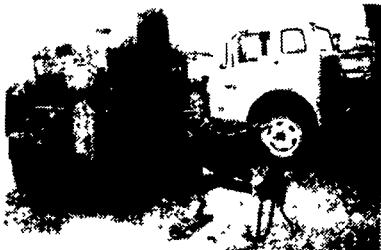
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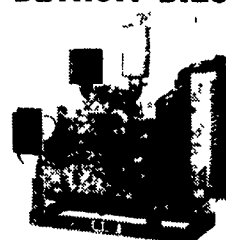
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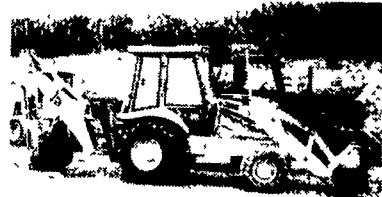


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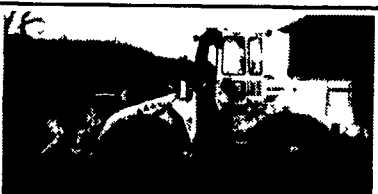
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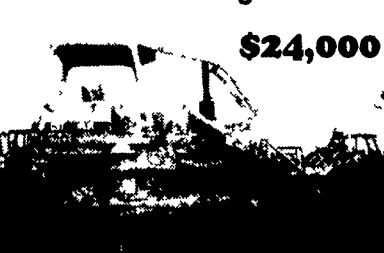
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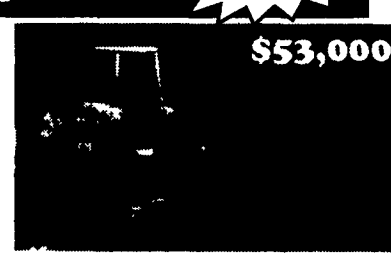
'85 JD 750 Long Track



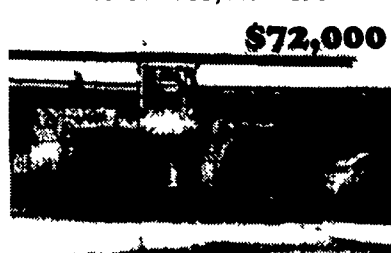
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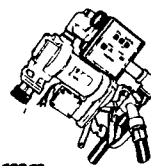
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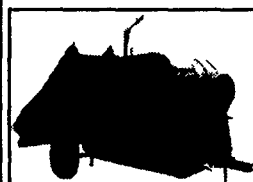
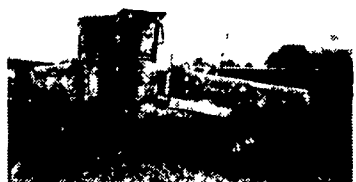
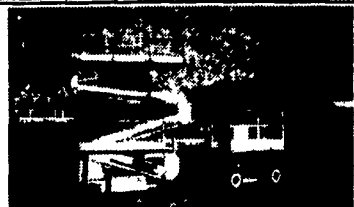
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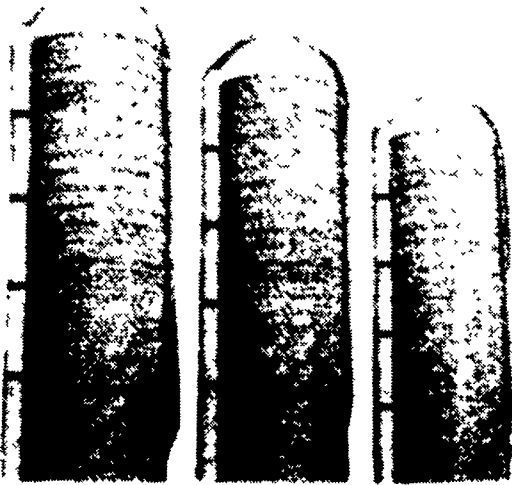
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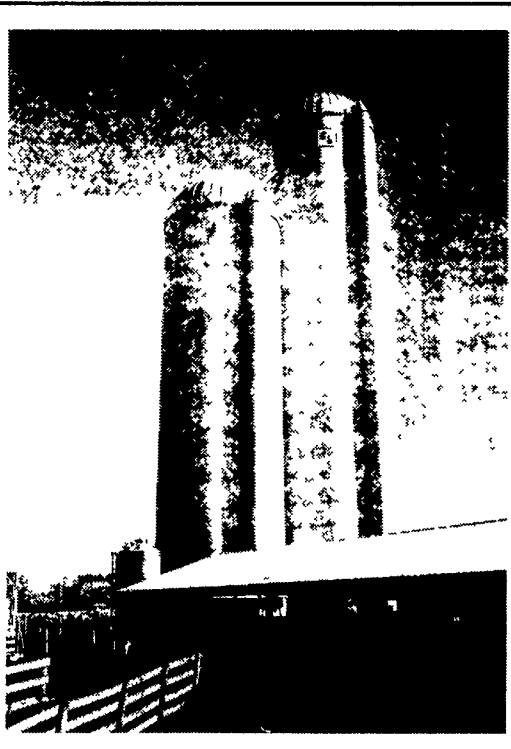


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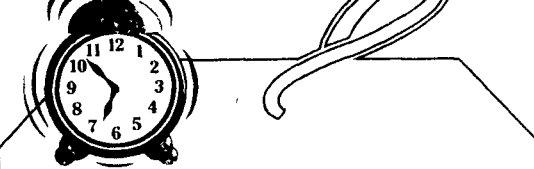
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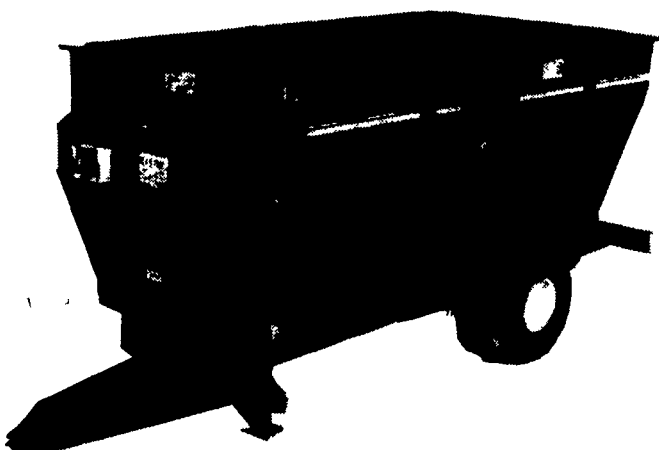


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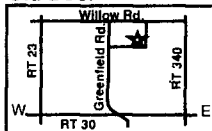
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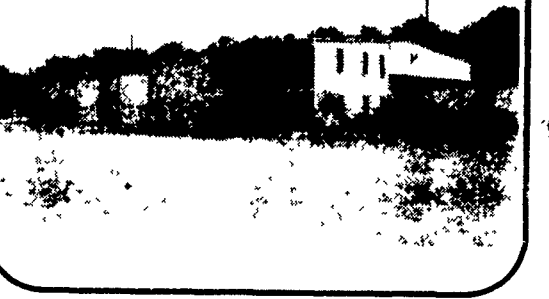
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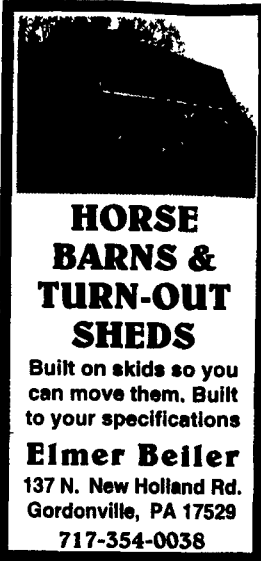
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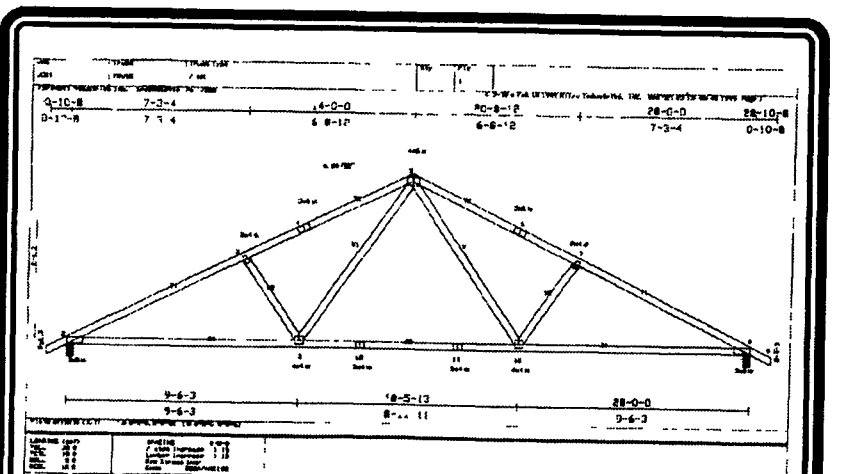
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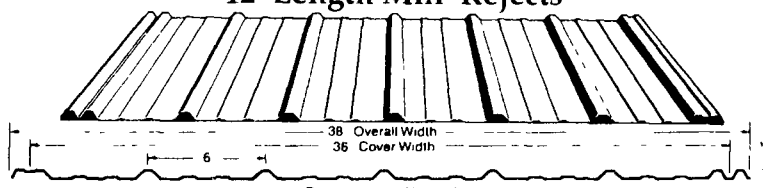
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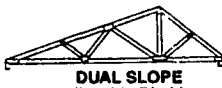


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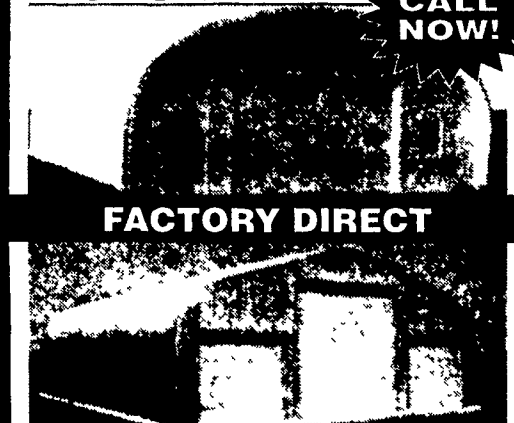
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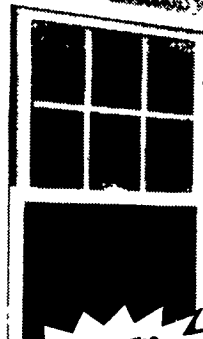
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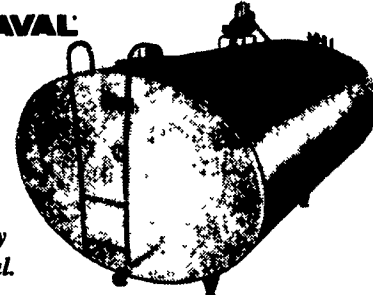
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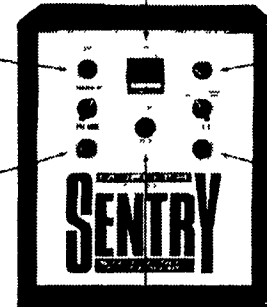
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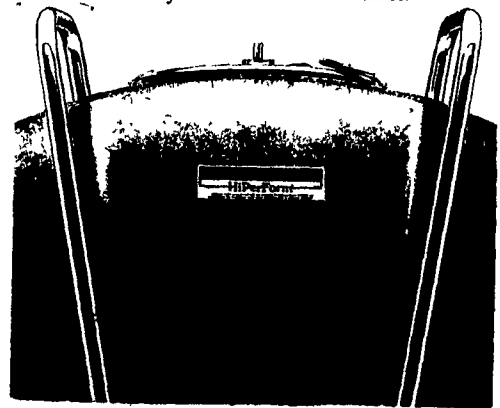
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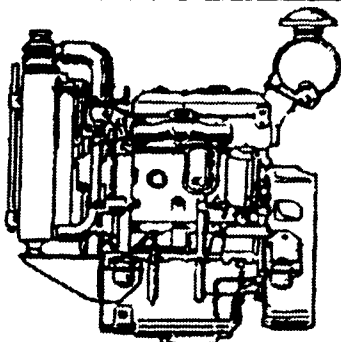
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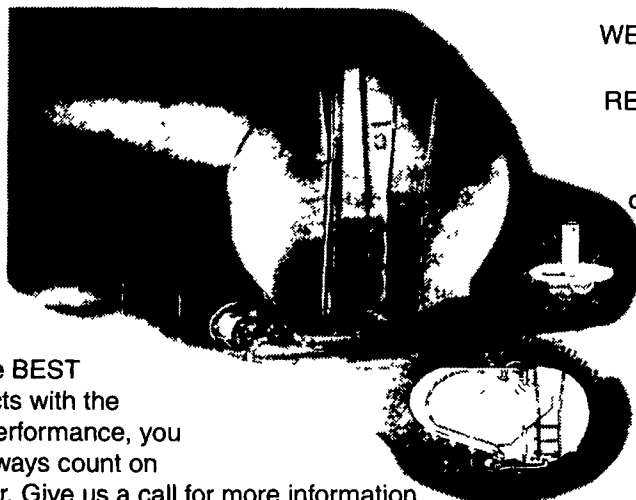
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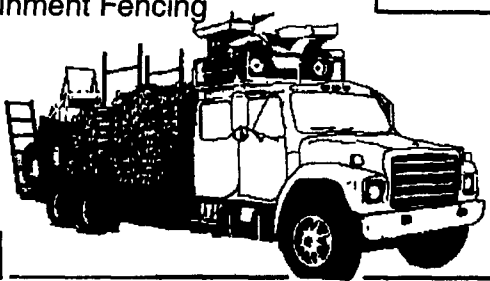
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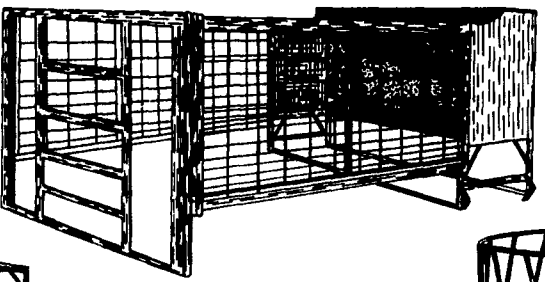
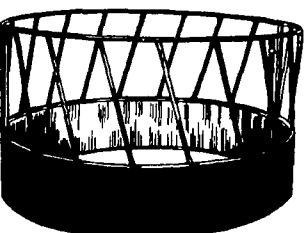
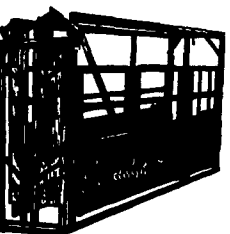


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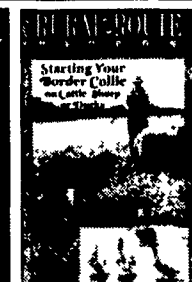
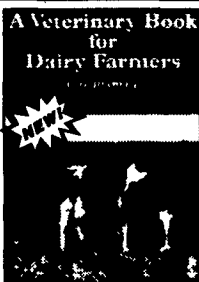
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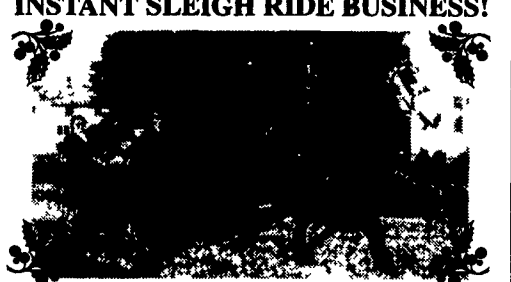
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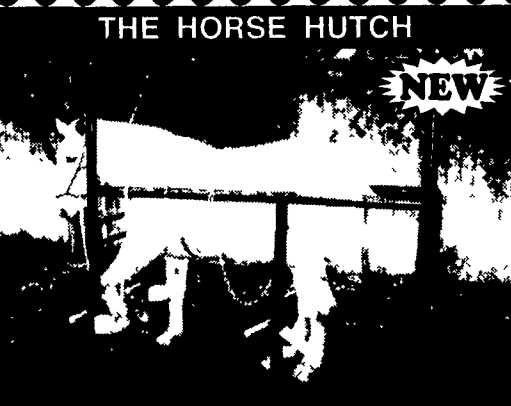


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MILLENNIUM MAIN STREAM
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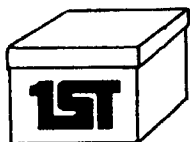
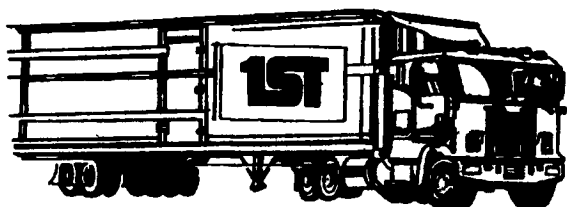
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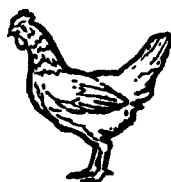
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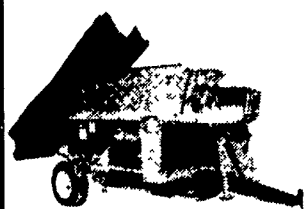
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Benefits include: HMO, vacation, bonuses.

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We offer:

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Delaware Valley College seeks a Superintendent of Dairy Farm.

This is a working management position responsible for the day-to-day operations of the dairy including feeding, breeding, milking, assisting with special college events, scheduling and supervising student employees, overseeing college participation in dairy shows, and providing academic support for classroom and laboratory educational programs

BS in Dairy Science preferred, Animal Science or related Agricultural degree will be considered. Valid drivers license, safe driving record, ability to lift and carry up to 50 lbs and knowledge of computer and record keeping programs required

Send cover letter, resume, and names, addresses and telephone numbers of at least three professional references to:

Superintendent of Dairy Search

Human Resources Office

Delaware Valley College

700 E. Butler Ave.

Doylestown, PA 18901

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Frederick County, Maryland Turf Farm looking for experienced CDL licensed driver able to operate piggyback forklift, single axle dump trucks. Must have a clean driving record and be willing to learn to assist with turf farm operations. Equipment is new and requires meticulous care. References and drug/alcohol testing required. Courtesy to our customers is a must. Good compensation package.

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The Joint Operating Committee of the Lancaster County Career and Technology Center is receiving sealed bids for the rental of approximately 43 acres of farmland at its Mount Joy Campus. Acreage offered for rental is deemed to be not needed for instructional or educational purposes for crop years 2000-2005.

Bid packets may be requested from Thomas G. Bigler, Business Manager at The Willow Street Campus of LCCTC, 1730 Hans Herr Drive, Willow Street, PA 17584. Telephone 717-464-7055.

Bid opening will take place at the Willow Street Campus on Monday, January 17, 2000 at 2:00 PM (prevailing time). All bids must be received prior to 2:00 PM at the above location in order to receive consideration.

The right is reserved to reject in part or total any and all bids and waive informalities.

Any person wishing to attend the bid opening requiring special assistance due to handicap, may contact Thomas Bigler, ADA Coordinator at the above telephone number.

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Due to continued expansion, we are looking for drivers at various locations. If you live within reasonable driving distance from our corporate facility in Rheems, PA; Spring Glen, PA, or Gettysburg, PA and are looking for competitive pay; excellent benefits; year around work and excellent equipment, contact us:

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Rheems, PA 17570

or call

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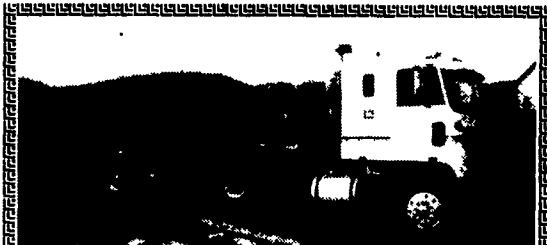
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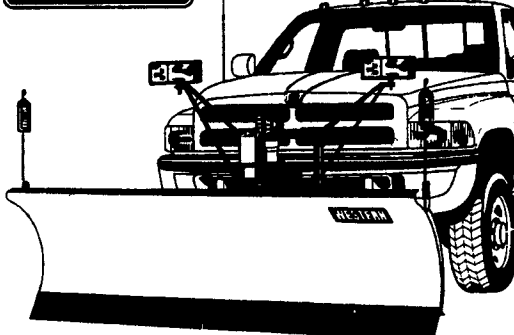
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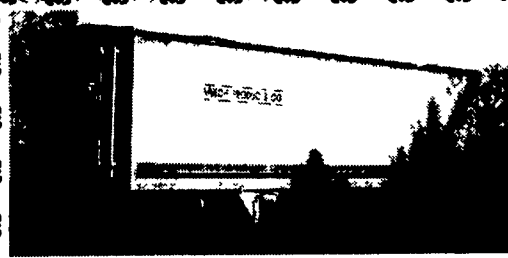
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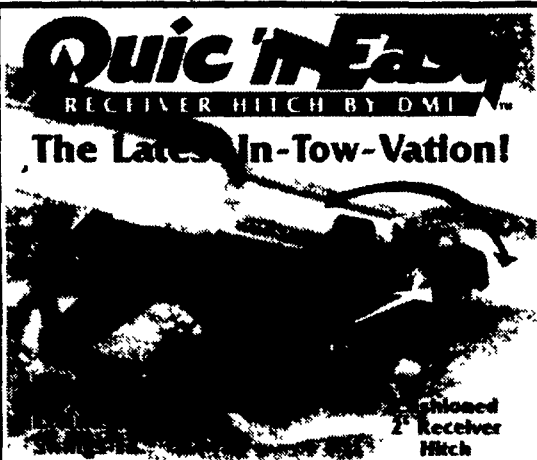
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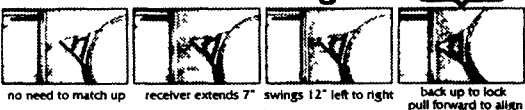
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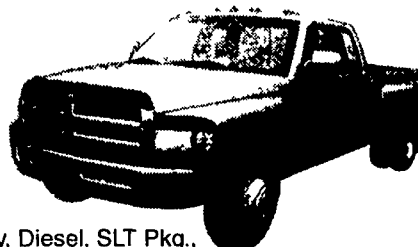


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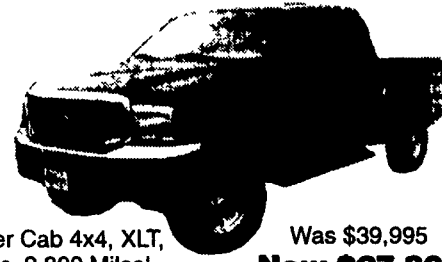


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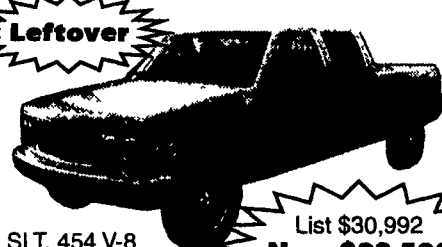
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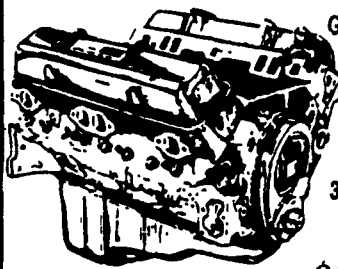
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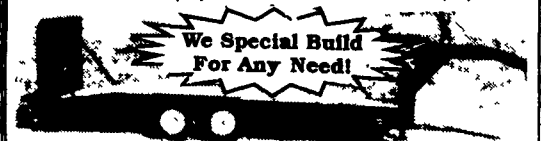
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brakes, pressure treated deck, 10,000# G.V.W.,
gooseneck **\$3,100**
Bumper pull **\$2,950**



1992 GMC 32,000 GVW, 52,000 GVW,
Cat 3116, low miles, 6 speed
1-800-248-4418

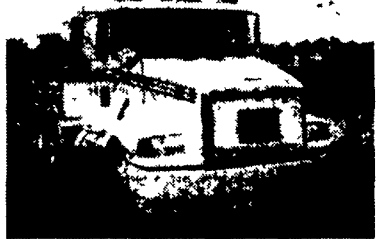


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1989 white GMC integral sleeper, N-14 Cummins,
365 H.P., 9-speed, air suspension, air slide 5th wheel.



1996 Ford Aeromax, 68" stand-up sleeper, Cat 3406E,
475 H.P., 10-speed OD, aluminum wheels, fuel tanks, very
clean owner/operator truck.



1988 Peterbilt 13-210, 8.3L Cummins, 6-speed trans,
24-foot van body, 211,000 miles



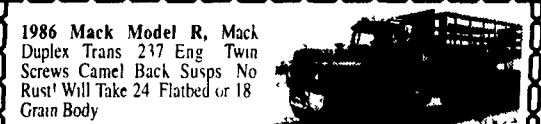
1995 GMC C3500 HD, 15,000 G.V.W., V-8 diesel,
5-speed, new 14-foot flatbed body.



1997 GMC 3500HD, 15,000 G.V.W., 6.5L V-8 Diesel,
Manual Trans., 9 1/2 ft. Stake Body, 73,000 Miles, Nice
Condition.



1995 Ford F-800, Cummins diesel, 5-speed, 18' Morgan
van body with liftgate, 90,000 miles.



1986 Mack Model R, Mack
Duplex Trans 217 Eng Twin
Screws Camel Back Susps No
Rust! Will Take 24' Flatbed or 18'
Grain Body



1994 International, Remaut
DT466 Eng, 0 Miles Tires &
Brakes 90%, AC, PS, PB, 5 Speed



1993 International, 7.3 IH
Diesel 5 Speed Hyd Brakes, 14
Body w/Lift Gate



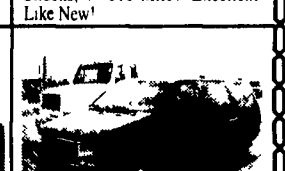
1986 Ford E350, 14' Body, New
Tires Brakes & Paint Rebuilt 69
Diesel Eng 123,000 Miles



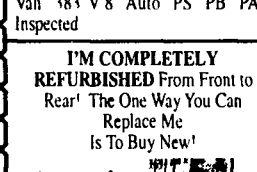
1992 Dodge Ram 150, V6 Mag
Eng, Auto, New Brakes Tires &
Shocks, 75,616 Miles Excellent
Like New!



1994 Dodge Ram 350, One Ton
Van 383 V8 Auto PS PB PA
Inspected



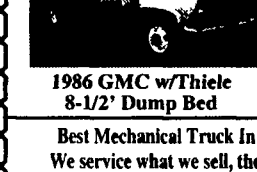
1989 Plymouth Voyager Rebuilt
Eng & Trans New Brakes & Tires
Priced To Sell!



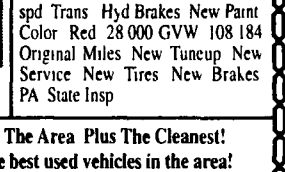
1984 GMC 7000, 366 V-8 Gas 5+2
spd Trans Hyd Brakes New Paint
Color Red 28,000 GVW 108,184
Original Miles New Tuneup New
Service New Tires New Brakes
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1986 GMC w/Thiele
8-1/2' Dump Bed



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**94 CHEVY K3500
EXTEND CAB**
4x4, Dually, Burgundy & White,
454 V8, AT, Silverado, 49,000 Mi.



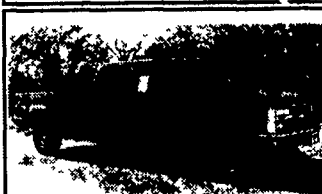
98 CHEVY K2500
Reg. Cab, 4x4, 350 V8,
5 Spd., A/C, Cass



**93 CHEVY H.D.
DUMP TRUCK**
6.5 Diesel, 5 Speed, with Plow
Only 49,000 Mi.



98 CHEVY SILVERADO
1 Ton Extend Cab Dually 4x4,
Blue/Gold, 350 V8, AT,
Only 6,000 Mi



99 CHEVROLET K3500
Crew Cab Single Rear Wheel
454 V8 AT, A/C,
Only 13,000 Mi., Dark. Blue



**(2) 2000 CHEVY G30 CUT
AWAY HIGH CUBE VANS**
12' & 14' Bodies, 350, AT, A/C,
Both White



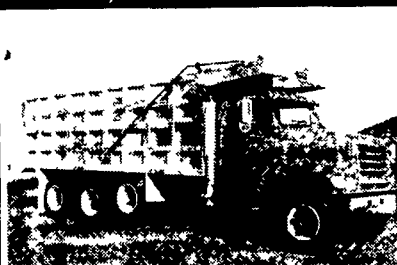
**99 CHEVY 1 TON
REG. CAB**
2WD, Stake Body, 350 V8,
AT, A/C



**2000 CHEVY C30
CHASSIS CAB,**
454 V8 AT, A/C,
You pick the body

35

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BIG BOGIE 1998 FORD LT9511
Triaxle Dump, 3406E Cat 455HP w/Jake
RTO 16908LL Trans, 65,000 Lb Rears,
20,000 Lb Front, 6 21 Gears, 22'
Virginian Aluminum Dump w/Tarp,
Excellent Rubber, 68,000 Miles



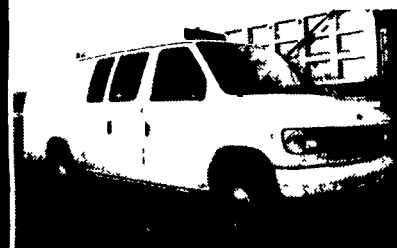
1994 CHEVROLET KODIAK DUMP
3116 Cat, 215 HP, 5&2 SPD,
33,000 GVWR, PS, Air Brakes,
63,000 Miles



**1997 UTILITY 2000R
53' REEFER TRAILER**
Air Ride Slider w/Thermoking Super II
Max+, 4200 Hrs II, Stainless Front &
Rear, 50 Gal Alum Tank, Extra Lights,
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32' PUP TRAILER**
Excellent Condition,
New Inspection



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w/THERMO KING REEFER**
5 4 Triton V8, 8600 GVWR,
Hinged Doors, PS, PB, A/C, Tilt, Cruise,
8,000 Orig Miles, #3240



**1998 FORD E350 SUPER CARGO
w/HIGH TOP**
5 4 V8, A/C, Tilt, Cruise, 9400 GVWR,
Shelving to the Roof, Appearance Pkg.,
27,000 Mi., #3203

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4.10 LTD Slip Rear, 1,900 Mi., Black
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1993 FORD F-150 XL 4x4
Ext Cab, Short Bed, 300, 5 Sp., PS, PB,
Dual Tanks, Black, 66,900 Mi
\$9,500
Also Available 1992 Ford F-150 4x4,
302, AT, A/C, 113k Mi **\$8,995**



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4.3 Auto, PS, PB, A/C, Tilt, Cruise
Cassette, Privacy Glass, Green
65,000 Mi
\$9,800



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300, AT, PS, PB, A/C Dual Tanks,
Maroon, 54,000 Mi
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GVW, 1 owner truck Dark Blue, 53,000 Mi
\$21,500



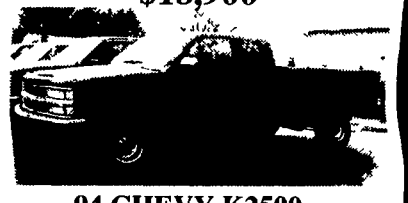
**97 FORD F-250 XL
SUPER CAB**

4WD, 351 Fuel Inj 5 Sp. A/C, AM-FM,
8800 GVW, 1 Owner Truck, Dk Blue,
67,000 Mi
\$18,900



95 FORD F-250 XL

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Cruise, Tilt, Cass., 8600 GVW, Clean Truck,
84,000 Mi., Red
\$16,900



94 CHEVY K2500

Extended Cab, 4WD, Silverado, 350 ft. AT,
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Utility Body, 8600 GVW, PA 1 Owner,
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Air Brakes, A/C, Custom Int., 260 WB,
192 CA, 56,000 GVW
\$38,500



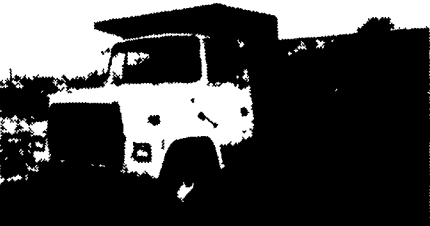
1992 Ford LN8000
C&C 7.8 L Diesel, 210 HP, 6 Spd. Trans.,
Custom Int., 234" WB, 168" CA, 33,000 GVW
\$19,500



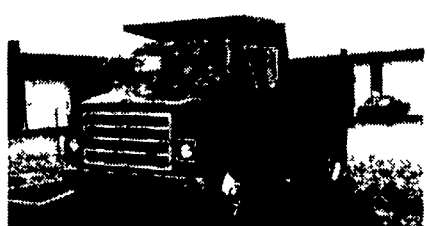
2 - 1993 Int. 4900 C&C
DT-466, 6-Spd. Trans., 32,700 GVW, Custom
Int., A/C, 186 C/A, 254 W.B., Exc. Cond.
\$22,500 Your Choice



1992 Ford LN8000
7.8L Ford Diesel, 210 Hp, 6 spd Trans, P.S.,
Air Brakes, 33,000 GVW, New 10' Dump
\$26,500



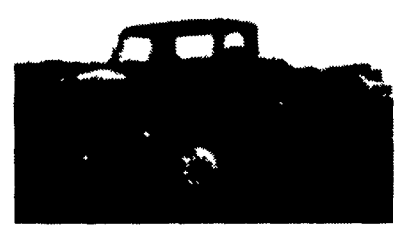
1995 Ford LN8000
8.3 Cummins, 210 Hp, 6 spd Trans, P.S., Air
Brakes, A/C, 35,000 GVW, New 11' Dump
\$35,500



1985 Int. 2300
L-10 Cummins, 7 spd Trans, A/C, PS, Air
Brakes, 35,000 GVW, New 10' Dump
\$22,500



'91 Int. 4900 C&C
DT-466, 6-Spd. Trans, 32,700- GVW, Custom
Int., A/C, 186 - C.A., 254 - W.B., Exc. Cond.
\$19,500



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DT466, 190 HP, 25,500 GVW, 236 W.B.,
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89 Chevy Suburban,
350 V-8, Auto, AC,
89,208 Miles
\$8,990



95 Chevy 14' Walk In Van,
Diesel, Auto, No AC,
14,100 GVW, 102,287 Miles
\$12,900



1996 Ford F250, 351 V-8,
Auto, AC, 8,600 GVW,
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95 Dodge Ram 1500 Ex Cab
4x4, 360 V-8, Auto, AC,
65,102 Miles
\$15,900



97 Dodge Ram 1500 Ex. Cab,
V-8, 5 Speed, AC,
79,208 Miles
\$12,900



92 GMC Ex. Cab 4x4, 350 V-8,
Auto, AC, 160,207 Miles
\$8,990



89 GMC Walk In Van, 366 V-8,
Gas, Auto, Shelves & Bins,
22,000 GVW
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92 Chevy Suburban 4x4, 350
V-8, Auto, AC, Equipped,
134,000 Miles
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1999 Chevy Crew Cab,
4x4, Dually, 7.4L V-8,
Auto, AC, 16,000 Miles



92 Ford F150
6 Cyl., 5 Spd., PS, PB
\$3,990



94 Dodge Ext. Conversion
Van, 360 V-8, One Owner,
36,710 Miles \$15,900



91 Chevy Caprice
Classic Wagon, V8, Auto,
AC, 96,448 Miles
\$5,990



95 Ford F150 XL, 6 Cyl,
5 Speed, AC, 94,308 Miles
\$5,990



95 Ford F150 Ex. Cab, Long
Bed 4x4, 61,280 Miles, 5.0 V-8
\$16,900



96 Chevy Tahoe LS, 4x4,
6.5L, Turbo Diesel, Auto, AC,
2 Dr, 79,326 Miles
\$20,900



98 Nissan Frontier,
Ex Cab 4x4, 4 Cyl, 5 Speed,
AC, 14,172 Miles
\$15,900



95 Chevy Tahoe LS,
350, V8, Auto, AC,
85,126 Miles
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97 Honda CRV, AWD, Auto, AC,
CD, 21,207 Miles
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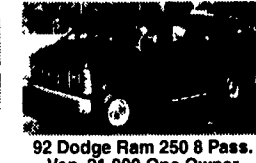
97 Chevy C3500 Dump Truck,
V8, Straight AC, 71,035 Miles
\$15,900



95 Ford Aerostar Cargo Van,
V8, Auto, AC
\$5,990



92 GMC Topkick Cab &
Chassis, 366 Gas, 5+2 Speed,
26,000 GVW, 127,106 Miles,
Very Nice
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92 Dodge Ram 250 8 Pass.
Van, 21,000 One Owner
Miles, Propane Power
\$7,990



96 Toyota ForeRunner 4x4,
One Owner, 69,220 Miles
\$18,900



87 Ford F150 4x4, V-8, Auto,
Nice Older Truck,
124,470 Miles
\$3,990



92 Ford Aerostar 4x4 Ext.,
Dual AC & Heat, Local Trade,
111,000 Miles
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96 Ford F250 4x4 w/Plow,
351 V8, Auto, AC,
45,307 Miles
\$16,900



2000 VW Beetle GLS,
5 Speed, AC, 800 Miles
\$17,900



95 Ford Bronco XLT, 5.0 V-8,
Auto, AC, 1 Owner,
74,280 Miles
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88 Ford F800 5+2 Speed,
32,000 GVW
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97 GMC K1500 SLE 4x4,
350 V-8, Very Nice,
55,207 Miles
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94 Chevy K1500, 4x4, V-6,
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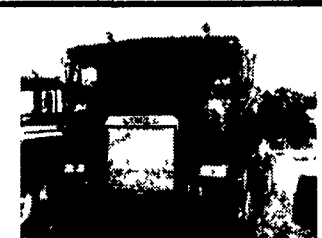
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Unit, Heavy Duty Rear Winch, Dump, 454
Gas, 5 & 2, 32,000 GVW Like New Stk
#1189 \$15,900



1987 GMC Cab & Chassis,
(24' Frame), 366 Gas, 5 Speed, Low
Miles, 23,900 GVW, Very Clean,
Stk #1282 \$4,900

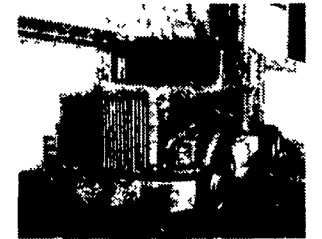


1991 FREIGHTLINER TT, 3176
CAT, 325 HP, RYO14609B, DS402
Eatons, Budds, Stk 1237 \$9,900



1994 FREIGHTLINER TT, Walk In,
400 HP Detroit w/Jake, 9 Speed, 40K
Eatons on Air Ride, Stk #1162 \$25,900

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HP ENGINES!
\$2,750**



1988 INTERNATIONAL TT, 9300
Series, Cummins BCIV, RTO 14609,
SQ100 Rears, 350 HP, 60" Sleeper,
Stk #1257 \$9,500



1990 CHEVROLET CUBE VAN,
350 Automatic, 11,000 GVW, 14'
Body, Duals, Stock #1192 \$7,900



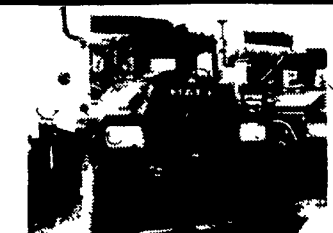
1984 VOLVO SA, TT, 6 Cyl Turbo Diesel,
8 Speed, 20" Spokes, Good Runner, Stk
#1200 \$5,900



1985 MACK U685, Single Axle TT,
EM6-250, 5 Speed, 23 Rear, 22 5
Spokes, Stk #1204 \$9,900



1990 VOLVO DAY CAB TT, 350
Cummins, 9 Speed, Single Axle
w/Tab, 22 5 Radials, Stk #1223
\$10,900



1978 MACK DM685ST Tri Axle 10Yd,
MIXER, 237 Maxi, 6 Speed, 44 Rears,
Lift Axle, Well Maintained Stk #1233
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1993 FREIGHTLINER TT, 350 Cat w/Jake,
RTX14708LL, Eaton Rears on Air Ride, 48"
Sleeper, Wet Line Stk #1163 \$17,900

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 6 Cyl Turbo 5 Spd, P/S, A/C
 13,000 GVW 16' Morgan Van
 Insp Very Clean
Reduced to \$7,900



93 FORD E350
 14' Hi-Cube Van, A/T, P/S, P/B, A/C,
 10,700 GVW Dual Wheel, 7.3 Liter
 Diesel, Super Clean
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 Tandem Axle Slpr, 3406 Cat, 310 HP,
 13 Spd, P/S, A/C, Rayco Spring,
 234" WB, Clean
Reduced to \$6,500

'94 Dodge
Van Maxi
 15 passenger,
 5.9L engine,
 97,000 miles,
 excellent cond.
\$9,500
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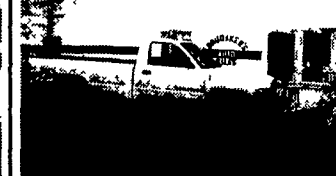
1980 Int. 2275, 35,000 GVW,
12 T. Body, \$6,000
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PH. 717-866-8237 ROUTE 422 MYERSTOWN, PA



98 FORD WINDSTAR GL, 7 Pass,
 Silver, 3.8 V6, AT, AM/FM/CAS, PW,
 PL, CC, Tilt, Dual AC, Air Bags,
 47,445 Mi **\$13,900**



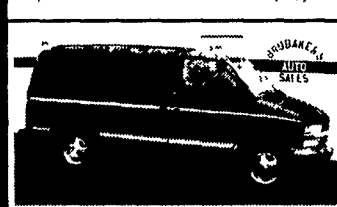
97 DODGE RAM 2500 4X4, White, 360
 V8, AT, AM/FM/CAS, AC, Air Bag,
 8800 GVW, w/Meyer Plow, 67,425 Mi **\$16,900**



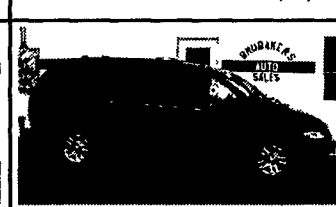
97 FORD F-150 XLT EXT. CAB 4X4
 "OFF-ROAD", Black, 4.6 V8, AT, AM/
 FM/CAS, AC, PW, PL, CC, Tilt, Keyless
 Entry, Air Bags, 40,020 Mi **\$19,900**



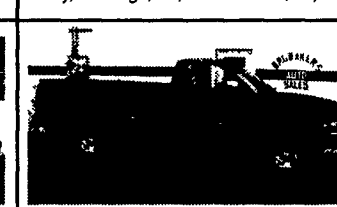
97 JEEP GRAND CHEROKEE
 LAREDO 4X4, Green, V.8, AT, AM/FM/
 CAS, AC, PW, PL, CC, Tilt, Keyless
 Entry, Air Bags, 71,115 Mi **\$13,900**



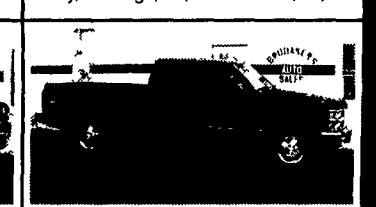
97 CHEVY ASTRO LT, AWD, Green/Tan,
 V6, AT, PW, PL, CC, Dual AC, P
 Seats, AM/FM/CASS/CD, Leather,
 Quad Seating, 58,805 Mi **\$15,900**



96 DODGE GRAND CARAVAN ES,
 Green, V-6, AT, PW, PL, CC, Tilt, Dual
 AC, Pwr Seat, Keyless Entry, AM/FM/
 CASS/CD, 55,340 Mi **\$12,900**



95 DODGE RAM 1500 4X4 LARAMIE
 SLT, Green, 360 V-8, AT, AM/FM/CAS,
 AC, PW, PL, CC, Tilt, Air Bag,
 81,308 Mi **\$13,900**



95 CHEVY 1500 SILVERADO 4X4
 Z-71 EXT. CAB, Black, 350 V-8, 5 Sp.,
 AM/FM/CAS, AC, PW, PL, CC, Tilt,
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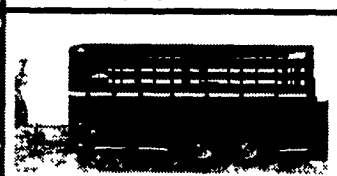
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 Flatbeds, Bulkhead, Coutside Pockets,
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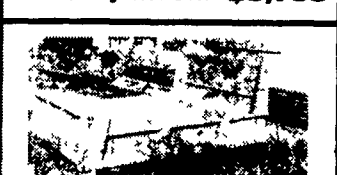
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 Long Wheel Base, 454 Gas, Auto Air,
 New Paint, High Miles, Good Cond
\$6,250



16' Gooseneck Grain Dump Trailer,
 Electric Hydraulic Hoist, Cattle Racks,
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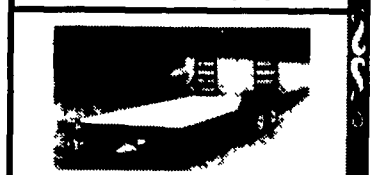
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1/2 Slider on Rear,
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Spare Wheel & Tire,
6'8" Wide x 16' Long
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18' Deck Over Trailer, 16' Flat 2'
 Dovetail with 5' Ramps 10,000 Lg
 GVW Adj Coupler
\$3,595



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35

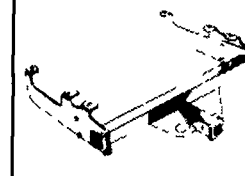
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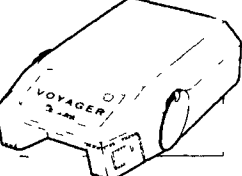
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 (Main Entrance - turn left)

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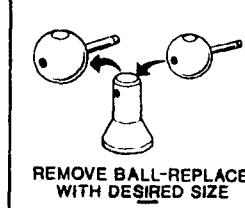
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 Class 1 thru 5



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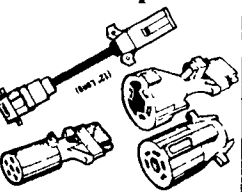


Convert-A-Ball
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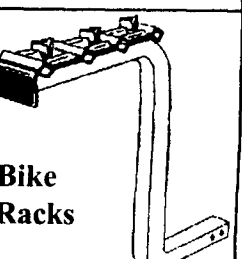


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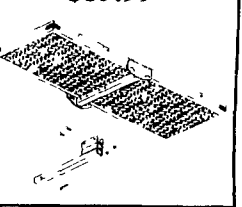


Bike Racks

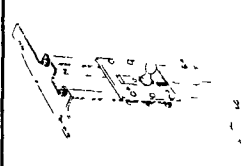
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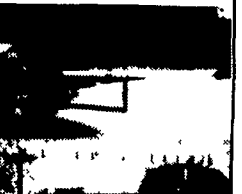
Quick



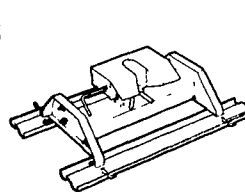
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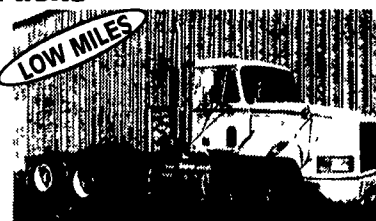
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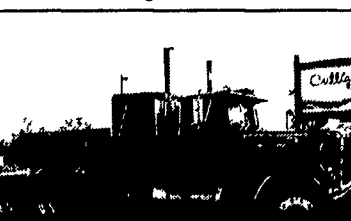
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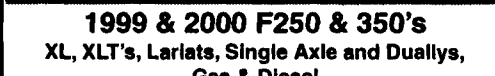
1993 JEEP WRANGLER 4x4
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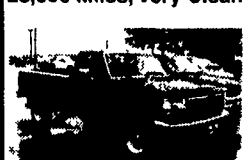
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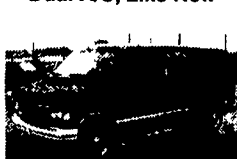
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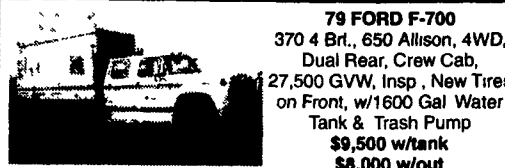


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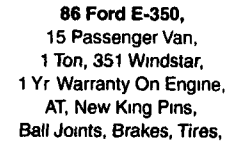
84 Bronco II, 4 Cyl.,
AT, Sunroof, 4WD
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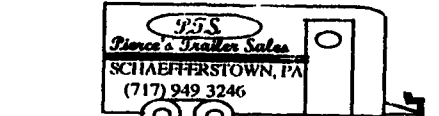
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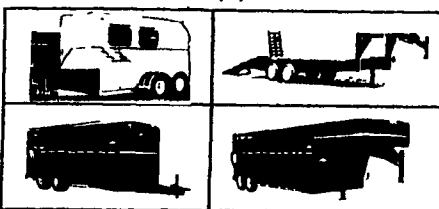
85 Ford Bronco 6 Cyl., AT, PS, PB, Tilt,
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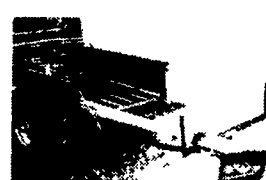
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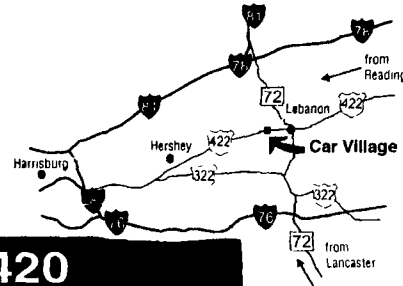
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Great Tow Machine, Cummins Turbo Diesel, AT, A/C,
Heavy Duty Dana Front & Rear Axles,
Only 50,000 Clean Miles



BIG BAD SUPER DUTY 94 FORD SUPER DUTY
Diesel Power, 5 Sp, 161 W.B., 84 C.A.,
Big Swing Out Mirrors,
Ready To Go To Work



5 SP GMC - 98 GMC K2500 SIERRA
Heavy Duty 3/4 Ton, High Output 6.5 Turbo Diesel
5 Spd., A/C, 22,000 Miles, Nice Clean Tk.,
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TOW MACHINE - 99 DODGE 3500 DUALLY
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4.10 Dana Gear, Class 3 Hitch, Only 28,000 Miles, All
Remaining New Truck Warranty



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4 DOOR "CENTAURUS CONVERSION"
Beautiful Tk., Only 18,000 Miles, Powerstroke
Turbo Diesel, AT, A/C, Capt. Chairs, Console,
Alcoa Aluminum Wheels, Limited Slip 4:10 Gears



4 DOOR 4x4 - 97 FORD F350 CREW CAB
Powerful Powerstroke Turbo Diesel, AT, A/C, All Options,
Tow Pkg., Aluminum Wheels, Real Good Looker



HEAVY DUTY DODGE - 97 DODGE 2500 4x4
Heavy 3/4 Ton, 360 Magnum V8, 5 Sp Trans, A/C,
Vinyl Seat & Floor, Great Work Truck - \$18,900



CHASSIS CAB 95 FORD F350
Powerstroke Turbo Diesel, 5 Sp., A/C,
Long 161 W.B., 84" C.A., Dual Tanks,
Priced Right \$18,900



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4 Wheel Drive, Perfect, Only 11,000 Miles, 460 V8, Auto
A/C, Loaded XLT, Aluminum Wheels, Factory Tow Pkg.,
A Must See



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SUPER CAB XL Package, Cloth Seat, Vinyl
Floor, Powerstroke Turbo Diesel, AT, Limited
Slip, 4.10 Gear, Awesome Work Tk. \$22,900



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4x4 Hey, You've Been Lookin For One Of
These. So Don't Wait. Cummins Turbo, A/C,
Real Nice & Ready To Go



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Dump the Big Load, High Output 6.5 Turbo
Diesel, AT, 4 Wheel Disc Brakes, Tow Pkg.,
Only 28,000 Miles



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Heavy Duty 8800 GVW, Real Clean & Runs Strong,
351 V8, Auto, A/C, Dual Tanks, Excellent Body
\$16,900



4x4 CREW CAB 97 FORD F350 XLT
Plenty of Room - Plenty of Power
Powerstroke Turbo Diesel, AT, A/C, Tow Pkg
Aluminum Wheels, Limited Slip Gear



4x4 CHASSIS 98 CHEVY K3500
6.5 Turbo Diesel 5 Sp. A/C Only 34,000 Miles,
4.10 Gears, Excellent Tow Machine, 60 C.A.,
13" W.B.



4x4 STAKE DUMP 97 DODGE 3500
Nice One Only 24,000 Miles. Cummins Turbo Diesel
AT A/C 4.10 Gears Dana Axles



WORK STYLE TRUCK
98 DODGE 2500 QUAD CAB
Not Fancy - Just Nice Cummins Turbo Diesel
AT A/C Tow Pkg Vinyl Floor

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& **95 CHEVY HD 3500**
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Removable Sides

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1994 Case 1840

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8 1/2 Ft	80	\$700	\$670	\$700
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94 TOYOTA COROLLA DX, 4DR	\$6,995
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96 JEEP GRAND CHEROKEE LAREDO, 4X4	\$15,900
94 CHEVROLET S10 BLAZER LT, 4DR, 4X4	\$10,900
94 FORD EXPLORER XLT, 4DR, 4X4, LOADED	\$9,995
93 JEEP GRAND CHEROKEE LAREDO, 4DR, 4X4	\$7,995
93 FORD EXPLORER EDDIE BAUER, 4DR, 4X4	\$6,995
88 FORD BRONCO II, 2DR, 4X4, V6, AT	\$2,800

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1984 White Volvo with Integral Sleeper, 400 Cummins, 13 Speed Trans..... \$8,500

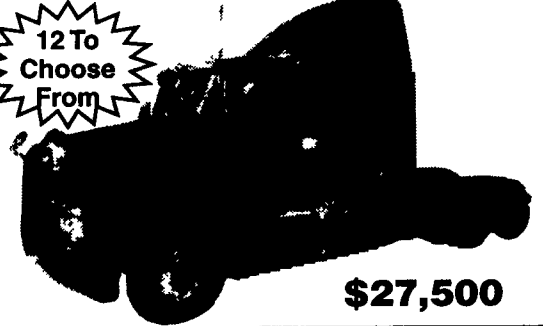
1980 Mack 10 wheeler dump, 300, 10 speed w/1 way 11-1/2' snowblade..... \$15,000
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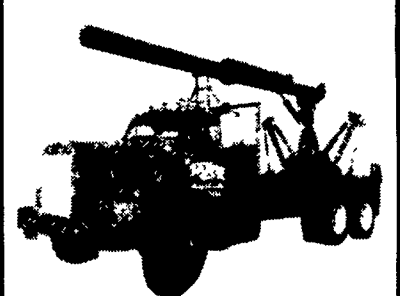
12 To Choose From



\$27,500



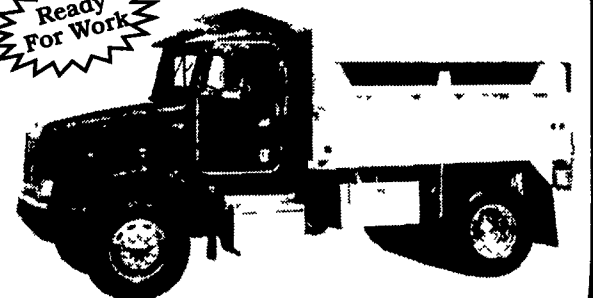
1988 Peterbilt 379 36" Sleeper, 3406E Cat Eng., 435 HP, 220" Wheelbase, 13 Speed, Jake Brake, Air Ride, 608,000 Miles



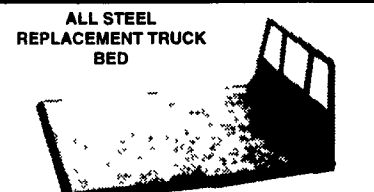
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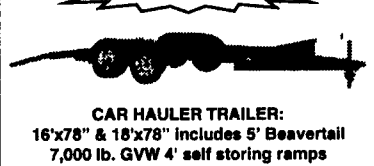
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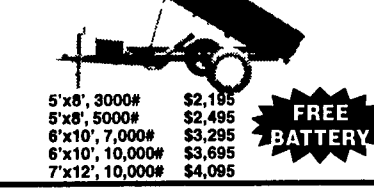
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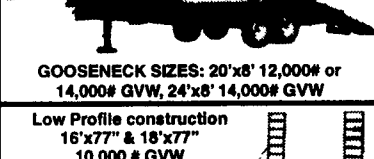
5'x8', 3000# \$2,195
5'x8', 5000# \$2,495
6'x10', 7,000# \$3,295
6'x10', 10,000# \$3,695
7'x12', 10,000# \$4,095
FREE BATTERY

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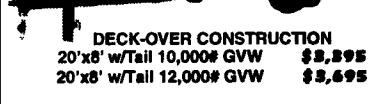


6'x10' GVW low profile dump trailers w/ landscape gate
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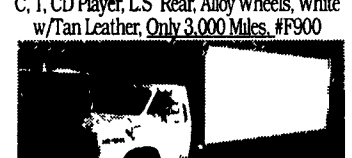


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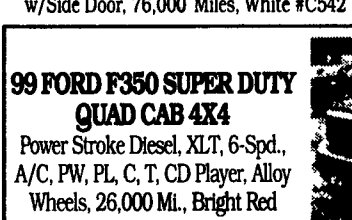
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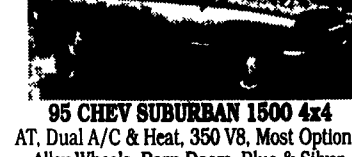
2000 FORD F350 CREW CAB DUALY 4X4
Power Stroke Diesel, XLT, AT, A/C, PS, PB, PW, PL, C, T, CD Player, LS Rear, Alloy Wheels, White w/Tan Leather, Only 3,000 Miles, #F900



95 CHEV 3500 H.D. 18 FT. CUBE VAN
AT, 350 V8, 14,000 GVW, Supreme Body w/Side Door, 76,000 Miles, White #C542



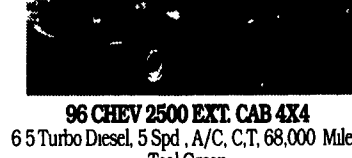
99 FORD F350 SUPER DUTY QUAD CAB 4X4
Power Stroke Diesel, XLT, 6-Spd., A/C, PW, PL, C, T, CD Player, Alloy Wheels, 26,000 Mi., Bright Red



95 CHEV SUBURBAN 1500 4x4
AT, Dual A/C & Heat, 350 V8, Most Options, Alloy Wheels, Barn Doors, Blue & Silver, 66,000 Miles, #C547



93 DODGE RAM 2500 DUALY CONVERSION HAULER, Sleeper Body, Cummins Turbo Diesel, AT, Most Options, 5th Wheel Hitch, 59,000 Miles, Copper, One-of-a-Kind, #D288

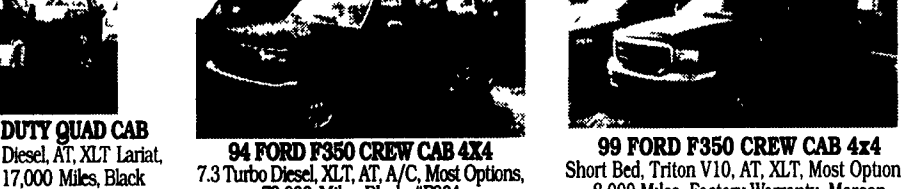


96 CHEV 2500 EXT. CAB 4X4
6.5 Turbo Diesel, 5 Spd., A/C, C.T., 68,000 Miles, Teal Green

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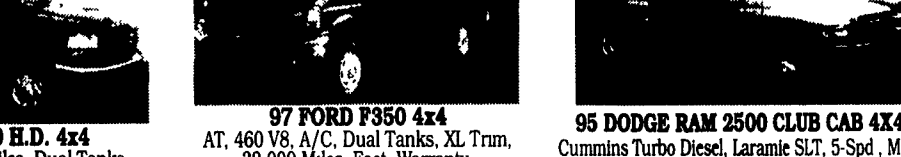
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94 FORD F350 CREW CAB 4X4
7.3 Turbo Diesel, XLT, AT, A/C, Most Options, 73,000 Miles, Black, #F904



99 FORD F450 SUPER DUTY CONTRACTOR DUMP Power Stroke Diesel, 6 Spd., A/C, AM/FM, 33,000 Miles, White #F889



97 FORD F350 4x4
AT, 460 V8, A/C, Dual Tanks, XL Trim, 32,000 Miles, Fact. Warranty, Dk. Green Metallic, #F874



93 DODGE RAM 2500 CLUB CAB 4X4 LE Pkg., 5 Spd., Cummins Turbo Diesel, Most Options, 64,000 Miles, Green & Gold, #D298 RARE - MUST SEE!



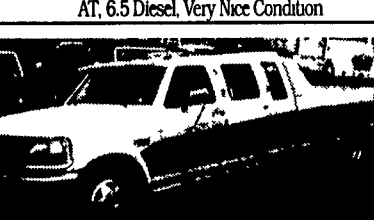
99 DODGE RAM 2500 4X4 QUAD CAB SPORT Cummins Turbo Diesel, 5 Spd., Most Options, 2,500 Miles, Dk. Green, Short Bed #D295



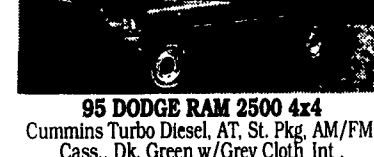
93 CHEV 3500 EXT. CAB DUALY CENTURION CONVERSION
AT, A/C, Most Options, 454 V8, 42,000 Miles, Red, Absolutely Like New! #C551



(2) 95 GRUMMAN GMC 18 FT. STEP VANS
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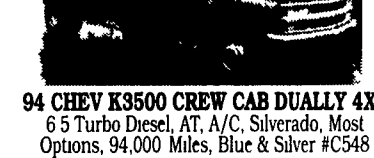
1995 FORD F350 SUPER CREW CAB DUALY CENTURION CONVERSION
AT, Power Stroke Diesel, XLT, All Equip., 52,000 Miles, White & Teal, MUST SEE! #F905



95 DODGE RAM 2500 CLUB CAB 4X4 Cummins Turbo Diesel, Laramie SLT, 5-Spd., Most Options, Only 50,800 Miles, 4:10 LS, Grey, #D292



96 FORD F250 4X4, XLT
AT, Power Stroke Diesel, A/C, Most Options, Red & White, 72,000 Miles, #F891

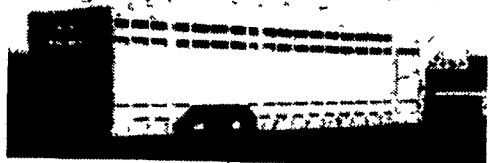


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5-SPEED

94 CHEV K3500 CREW CAB DUALY 4X4
6.5 Turbo Diesel, AT, A/C, Silverado, Most Options, 94,000 Miles, Blue & Silver #C548

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FARM FOR SALE
Dundee, NY

324 Acres easily split, 180 tillable, 45 wooded. Balance pasture. 10 room home. 5 barns. Entire farm in grass. High tensile fencing. Would make a good grazing/dairy operation. \$370,000/Firm. 607-292-3831

30 AC 25 mi. N. of Reading, 2,800 ft. road frontage, zoned for single bldg lots or high dens @ 7 units/acre. All prelim. engineering complete, ready to develop. \$229,000 poss. financing, owner 570-943-2516.

313 acre operating farm in Steuben Co., NY, borders PA. Former dairy farm, currently operating as veal & beef. Could return to dairy. 4 streams, good buildings, scenic setting. 607/356-3200.

Partners Needed. Do you have ground for development? Why sell it undeveloped? We'll pay for all developing costs, you provide the ground, and we'll sell it as a sub-division. Get up to twice the normal value with no cash out of your pocket. Call for details. Ryan C. Hess, RE/MAX Assoc. 717-581-4911

Land Needed! Our builders need ground in the Tri-county area for future developments. Get paid top dollar for your parcel. Nothing too large or too small. Call Ryan C. Hess, RE/MAX Assoc. 717-581-4911

Christmas Tree Farm & Land, Bloomsburg Area, 72 Ac. 40,000 Christmas Trees, Doug Fir 5'-Up. Great Hunting, Fishing Locally, Spectacular Views. \$150,000. 610-269-1893.

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190A tillable, Class I Soils, pasture

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Bu. Bins w/Dryer. Despite the Drought

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100 acres of grass, double 4 parlor, 84 free stalls, Located Franklin Co., PA More Land Available **Lancaster Farming R-84 POB 609, Ephrata, PA 17522**

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Dairy Farms for sale. Some bare, some stocked & equipped. Call Ken, Jeff, Ted, Gerald or Brian for free catalog.

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275Acre Grade A Dairy Central Wisconsin area

85 stall barn, heifer facility, 4 silos, pipeline and manure system. Newer 4BR ranch home in quiet setting off road.

\$450,000 includes all feed in silos & corn.

Owner can help finance w/adequate down payment

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FARMETTE 4 bedroom, 1 1/2 bath, new oil heat system, central air, with 29 1/4 acres some wooded, Lancaster County, W. Hempfield Twp., bank barn w/4 lower level horse stalls, tobacco cellar, 2 sep. garages, well/septic & more **\$325,000.00**

CALL Steve Arbutina

@ 717-684-4997 or 717-951-3605

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16 acres wooded, \$29,000
36 acres, 24 wooded, 12 tillable, \$80,000
74 acres, 70 tillable, \$160,000
42 acres all wooded, \$80,000
Wooded & Open Lots 3 acres, \$29,000/each
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116 acres, 70 tillable, 46 wooded, \$235,000
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Dairy Farm For Sale

between Loyal and Greenwood Clark County, Wisconsin. 236 acres, 220 tillable, 82 tiestall barn - silos 18x60, 20x60, 14x32, 14x45 - sheds 40x80, 40x60 - 3 bedroom house, 3 car garage **\$377,600 - Make an offer 715-255-8181**

DAIRY FARM FOR AMISH



• Amish dairy farm, Lycoming Co., White Deer Valley, 58 acres, can be certified organic, 44-cow barn, 40' bunk feeder, 32x64 loose housing barn, nice Amish house, all buildings less than 10 years old **Price Reduced.**

• 91 Acre dairy farm in Lycoming Co. White Deer Valley 51 acres tillable, bank barn w/44 chain tie comfort stalls, 38x96 loose housing barn, 16x60 stave silo, 15x32 Seal-Store silo, 12-52 concrete manure tank, 3 BR house

• 30 ac mountain land, 10 minutes from Williamsport

• 291 ac near Renova, **\$108,000.**

• 742 ac. mountain farm w/building. **\$890,000**

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• 100-200 cow dairy farm w/tree stalls & parlor, good land
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• These properties are needed for my buyers now!

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93 Dodge PU 3/4 Ton 4x4 Cummins Turbo \$11,900 Leave Message 717-548-2834

WANTED: Farmhouse on 1 to 10 ac in farm area. Lower Lancaster Co. G. Griffith, 7756 W.B&A RD, Severn MD 21144 410-969-4151

Green Co., PA. 150 Ac. former dairy farm, 110 ac. level bottom ground, 40 Ac gently rolling, 2 barns, silo, other buildings. Up-dated 4br farmhouse, 2 baths, attached 2 car garage, city water, \$2500/per acre. 724-592-5105

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80 Acres w/stream. Lancaster Co. - Fenced. Little Britian/Colerain Twps. Isolated, majestic view. Call ARA Real Estate 610-857-2141 or Gary Stapleton 717-529-2544.

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Call Jay at 410/556-1267 or
Pager 410/810-9396 for more information

DAIRY FARM / LAND FOR SALE

191 ACRES M/L former dairy farm located 5 miles east of Mt. Union, Mifflin County along 22-522. Property is split by 522. 60A M/L located on east side of 522, balance of land and all buildings located on west side of 522. 191 Acres comprised of 120A cropland, 38A pasture, 30A woodland, 3A farmstead. Large brick farm home, bank barn & milk house complex, 3 large silos (2 Harvestore). **\$286,500 (\$1,500/acre).**

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Sale by owner.

Will sell 60 acres separate from balance.

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Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list

See the December 25th or November 27th issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse (814) 364-1705
Mel Rockey (814) 466-6688
Terry Gingham (814) 364-1169
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FOR SALE

**In Clark County Wisconsin
155 Acre Dairy Farm**

95 tillable acres adjoining land for rent, balance of the land has stands of oak and maple, also aspen and birch along the south fork of the Eau Claire River of which makes excellent pasture. Five bedroom home; 130 by 36 barn built in 1991, 52 stalls, 2 pens, 3 silos - 18 by 60, 12 by 60, 14 by 50, all have unloaders; 120 by 40 machine shed with attached 34 by 36 garage built in 1994, shed has 36 by 40 insulated area with wood furnace; also 12 by 12 insulated tool area; 24 by 36 heifer shed; 24 by 32 building; 10 by 16 insulated building. Farm sold with feed on hand and milking equipment. By owner **David Buss, 1-715-669-3186.** Leave message or write for color picture of farm.

FOR LEASE:

60 cow tie stall dairy barn complete with 580 ton air restricted silo, 50 calf rearing facility, 585,000 gal. manure handling system. **Optional:** 35 Acre pasture, 150 Acre crop land. Located Northern York Co., PA. Housed a premium Penna. Holstein herd 60 years. Exceptionally maintained properties. Only conscientious managers asked to reply.

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EXCELLENT INCOME in place in this investment property with road frontage on busy Rt. 15. 8 apartment complex w/office. **\$417,900.** #1648.

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GREAT BUYS - GOOD FARMS!

#1592 - Spring Possession! Death in family, widow forced to sell. Can be purchased bare or with cattle and machinery. 335 acres, 240 tillable, mostly flat land, big fields, easily worked. Two story dairy barn, 107 stalls, heifer barn, 3 silos, machinery building, ranch home. One of the nicest farms we have seen. Bare **\$325,000.**

#1430 - A good small farm! 105 acres, high Ph top alfalfa ground. Two story bank barn, like new, 50 stalls, silo, 4 bedroom house. Located on quiet road. More land available for rent. Asking **\$142,500.**

#1623 - A great buy! 60 acres, recently new freestall barn, 64 stalls, alley scrappers, lagoon, double 4 parlor. Large pole barn, 3 bedroom ranch home. Only **\$125,000.**

#1642 - Owner retiring! Exceptionally nice 10 room home. Two story bank barn, 61 tie stalls, two concrete silos, large machinery building. 150 acres, prime alfalfa ground. Priced reasonable **\$200,000.**

NOTE: Just listed - three large free stall farms, 200 to 400 cows. They are good valley farms, owners retiring. Can be purchased bare or with cattle and equipment

See us on the Internet. Please call for appointment!

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BEDFORD COUNTY - 98 Acre General Farm in a secluded location. Spring & stream, 40 acres cleared, balance wooded, house and barn. Excellent hunting. Priced to Sell. Call **Wes 814-944-1873.**

BEDFORD COUNTY - 10 Acre Farm With A Completely Restored 4 Bedroom 2 Bath Farmhouse. Barn Fenced Pasture. Picturesque Location Only **\$129,900.** Call **Wes 814-944-1873.**

HUNTINGDON COUNTY - 65 Acres of mountain land adjoining state game lands. 20 minutes from turnpike. Excellent hunting. Call **Wes 814-944-1873.**

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Unique 3 bedroom, 3 bath home on 5+ acres with pond, fenced meadow and 4 stall bank barn.

Borders county woodland.

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\$225,000

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\$250,000



Susquehanna County
Pennsylvania

- 100 Total Acres - Mostly Tillable - Dairy Farm
- 14 Acres Wooded
- 1 1/2 Story Farmhouse
- Dairy Facilities with
 - 102 Free Stalls
 - Double 4 Surge Parlor - 4 Units Stay with Farm
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20 acre petting farm, 4 bedroom house in excellent condition, buildings & fencing for animals. Gift shop & recreational buildings. Animals, some equipment & business included in sale. Turn-key operation. Good possibilities for business expansion. Call Thomas for details.

NITTANY VALLEY

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BRUSH VALLEY, Madisonburg area, 3 acre farmette with storage shed business, 5 bedroom house, 4 stall horse barn, many other outbuildings, turn-key business with equipment. Dealers customer list & supplies included. Amish equipped.

SUGAR VALLEY CLINTON COUNTY, Loganton area, four bedroom house on 2 acres, 26x60 horse barn & shop, Amish equipped.

Call
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4 PLUS ACRES - Lots of privacy in this 4 bedroom ranch on Purdue Mountain. 5 miles to State College. Centre County 18x40 pole bldg. Several acres fenced. **\$125,000**

213 ACRE DAIRY FARM - Near Westfield in Tioga County. 150 acres tillable. 7 wooded balance pasture. 450 acres available for lease. 2 story farm house. 65 stall barn plus additional box stalls. 1000 gal tank/8 unit pipeline. 3 unloading silos. 30x126 heifer barn. Loading barn. 40x130 drive through equipment bldg. 30x70 implement bldg. **\$290,000**

RESIDENTIAL LOT - 3.3 acres zoned rural agriculture. Many country possibilities. 7 miles from State College and Penn State University. **\$60,000**

ALTOONA - Deli & Sub shop plus 2 commercial units & 2 rental apartments producing income. Good location near campus. **\$205,000**

5.2 ACRES - All wooded mountain land. 7 miles from Lock Haven towards Renova. Clinton County in Eagleton Forest. Great hunting camp site. **\$8,500**

COMMERCIAL PLUS RESIDENCE - 3 story store front brick bldg in Lewistown. 2,000 sq ft with security system. PLUS 2,837 sq ft 2nd & 3rd floor residence with central air & separate utilities from commercial area. Parking. **\$149,900**

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CLINTON COUNTY BAR - All equipment license real estate included. **\$40,000.**

RENOVO - Six pack takeout, sub shop beer & liquor license. 4 apartments for additional income. Good clientele. All equipment. Located in hunting country. **\$111,000.** OR Business can be purchased without real estate. **\$45,000**

18 ACRES - Mountain land off Beech Creek Mountain road. Clinton County. Good hunting. **\$27,000**

MOTEL & RESTAURANT - 19 unit motel near Dubois. Clearfield County plus 2 story house. PLUS family style restaurant. Good family operation. **\$430,000**

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W-1196 Perfectly Beautiful 12.27 acre parcel. Views and easy access. Just 2 miles out of Wellsboro limits. Municipal sewer hookup available. Charleston Township. **\$49,500**

W-1208 Convenience of location for this 2 story home in Wellsboro. 3 bedrooms, 1 bath, garage and carport. Great condition. Ready for your family. Wellsboro **Reduced Price \$79,900**

W-1211 Neat & Peaceful Camp on 3.9 acres 40 ft mobile w/frame roof sleeps 4, plus 27 ft. travel trailer sleeps 6. Includes most furnishings. Located in superb hunting area Farmington Twp **\$34,900**

W-1266 Subway Franchise for sale. Well established with great traffic flow. 15 year lease on building All equipment included. Wellsboro **\$85,000**

W-1253 Neat as a pin 3-4 bedroom ranch home in Charleston Township. Fireplace, partially finished basement, 1 car attached garage all on 1.73 acres. **\$85,000**

W-1214 Land available in Boro of Wellsboro. An unbelievable 12.6 acres. Boro Sewer available. Build your dream home today! Wellsboro. **\$29,000**

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Ranch home on 11.8 acres w/additional 1000+ Sq. Ft. stone schoolhouse previously used as gift shop for greenhouse business.

Off-set parking for 25+, 475' road frontage, zoned for horses, Denver/Adamstown Area

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BEDFORD CO. - 205 ACRE GENERAL FARM
195 A tillable, productive land, 2 homes, large quonset barn, easily accessed, very private setting. 200 Acre Dairy Farm Also Available. See our complete brochure at www.cbur.com Be sure to view our Internet Slide Show



230 ACRE BRADFORD COUNTY DAIRY FARM
153 acres of nice laying tillable land, 30 acres hayland, 9 acres pasture, 27 acres woodland, 11 acres site and roads 4 bedroom, 4000 square foot main house, tenant house, 50'x320' loose housing barn with attached milk house and double 8 parlor, 4 silos, 50'x250' calf and heifer barn, additional land available. **PRICE REDUCED TO \$339,500!** See our complete brochure at www.cbur.com. Be sure to view our Internet Slide Show

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George Demere, Broker



www.demereerealty.com

B-#706 - GREAT FARM FOR THE FAMILY THAT WANTS TO BUY THEIR FEED - 60 A. dairy farm - 2 story barn w/105 ties on 2" pipeline w/7 units - also heifer barn w/32 ties, 40x100' mach. shed, 4 silos w/unloaders & TMR feeding system - V.G. 13 rm home, 2 stall garage & in-ground pool w/fence **\$125,000**

#306 - 122 A dairy farm w/100 tillable - 90x40 ft 2 story barn w/38 stanchions & 12 heifer ties - 540 gal. B.T., Surge milkers w/dumping station, 14x40 ft silo, plentiful water supply & trout stream - An EX. starter farm with good home & bldgs - \$165,000 PRICE LOWERED TO \$145,000

#320 - Dairy farm w/110 A. of pasture & woods - 52 cows on pipeline, mach shed with Lg. HEATED SHOP & OVERHEAD DOORS - 4 silos - V.G. 3 B R colonial home - \$128,000 - PRICE REDUCED TO \$120,000 - more land avail

#601 - 213 A. dairy farm w/130 tillable - 2 story barn w/192x38 ft addition has 160 tie stalls on 2" pipeline w/8 units, 3000 gal. B.T., rubber mats, 5 silos plus 30x90x8 ft. bunk silo - also V.G. ranch style home & mobile home - \$250,000.

#808 - 439 A dairy farm w/225 tillable - lg. free stall barn for 260 cows w/covered cow beds & lock-ups, rapid-exit, double 12 parallel M.P. - also 80 head free stall heifer barn, lg mach. shed, bedding barn, 2 lg. bunk silos & 10 rm two fam home & house trailer - \$400,000

#809 - 482 A. dairy farm w/300 tillable - lg. free stall barn for 140 head, 2 story barn w/64 stalls, 160x34 ft one story barn - also dry cow barn, lg parlor & holding area, 120x24 ft. covered feeding w/solid floor, 3 months manure lagoon, 4 bay commodity shed, 2 lg. mach. sheds, horse barn & shop - also 3 lg. silos w/unloaders, 400 ton grain drying bin & 19 rm. 2 fam home, lg. 3 B R ranch plus two 2 B R apartments - also features 100x230 ft. lighted horse arena & stands - asking \$925,000.

FARMS FOR SALE (Lancaster, York and Chester Counties)

112+ Acre Farm - Farmhouse, mobile home, large bank barn, and numerous other outbuildings 60+/- acres tillable, 10+/- pasture, balance in woods. Large creek and lots of "Trails" meander through woods. Bring your horses or convert to dairy operation Lots of possibilities! Delta, York County area **Asking \$339,000.**

10.2 Acres - Amish Equipped Dairy Farm Large farmhouse, bank barn w/40 cow setup, barn for heifers, etc., manure pit, silo, carriage shed/shop bldg and another shed bldg Room for 6000 lath of tobacco Mostly pasture 30 acres of tillable ground to rent Marticville-Conestoga area. **Asking \$197,500.**

12.8 Wooded acres includes 2 yr, like new mobile home, nice hideaway, Atglen area. **Asking \$155,000**

140.4+ Acres *Amish Equipped Farm: Large farmhouse, bank barn w/42 cow set-up, tobacco shed, heifer barn, (2) silos and manure pit 70 acres tillable, 25 acres pasture in woods and wetlands. Buildings are in very good condition and ready to go! (*Seller reserves the right to retain 7+ acres). Honeybrook Area. **Asking \$585,000 Make Offers**

98 + Acre Farm: Large farmhouse, bank barn w/48 cow setup, shed buildings & silo. Kirkwood Area, asking \$7,500 acre. **Make Offer**

41.8+ Acre Amish Equipped Farm: Large farmhouse, very large bank barn w/60 cow set-up, carriage shed, equipment shed, (2) silos, corn cribs, numerous other outbuildings and lagoon. Ready to go! Nottingham area. **\$395,000. Make an offer!**

Also - Maryland Farms available. If you are interested in Cecil, Kent or Queen Anne Counties, let me know. Arrangements have been made with a Maryland Realtor to show you what is available.

Call Christ W. Taylor, Beiler-Campbell Realtors

717/529-2629 • 800/529-1118

THE REAL ESTATERS OF MANSFIELD

1671 S. Main St., Mansfield, PA 16933
(570) 662-2138 • Evening (570) 662-2363

LOG CAPE COD - COUNTRY SETTING

on 120.38 surveyed acres in Middlebury Twp. near Tioga, PA. Main home immaculate w/2 baths 3 bdrm guest house 2-story pole barn Approx 40 acres woods 2 ponds. Nice views & much more! Owner motivated, moving to new home. **REDUCED from \$247,500 to \$229,900. M-1200.**

HOME OR CAMP SITE

Nice tract of rolling land in Hamilton Twp near Morris Run 59.95 surveyed acres Partially stripped. Replanted to Pine trees Some original wooded areas Improved driveway 2 approved sewage sites Travel trailer & approved privy Town water avail **Just \$39,900! M-1108**

\$7,500 SOFT STORAGE SPACE

w/elec. nat gas & well 2.23 ac w/2 approved in-ground septic sites 4 separate bldgs - barn, garage/shop 2 sheds Easy truck access North Road, Middlebury Twp **Just \$32,000! M-1168**

CAMP NEAR IVES RUN

"A" frame camp on 1.8+ surveyed acres across Rt 287 from Hammond Lake & State Park near Tioga PA. Electric to 700 sq ft. "A" w/commercial toilet 8x20 deck Privy w/approved sewage site Was \$32,900 **REDUCED TO \$29,900! M-1125**

BUSINESS OPPORTUNITY

2000 sq ft restaurant in Tioga area with seating for up to 52 Modern facility w/attached area for summer ice cream sales. Fantastic location for future Rt 15 alignment Motivated seller asking **\$135,000** for turn-key operation M-1272

WELL MAINTAINED GEM LAKE COTTAGE/CAMP

on 3.748 surveyed acres Privy tank & top in place. Tongue & groove pine paneling. Woodstove included Elec & phone connected. Approx. 12 acre stocked lake commonly owned & used by all property owners Gem Lake covenants apply Mostly wooded lot. Nice deck Sullivan Twp **Just \$34,900. M-1225**

ACREAGE ON PAVED ROAD

43+ surveyed acres near Mosherville, PA Mix of fields & woods Utilities avail. on site or nearby Approved sewage site Troy Schools. Easy commute to Elmira, Troy & Mansfield. **\$44,900. M-1229.**

CAMP BORDERING STATE!

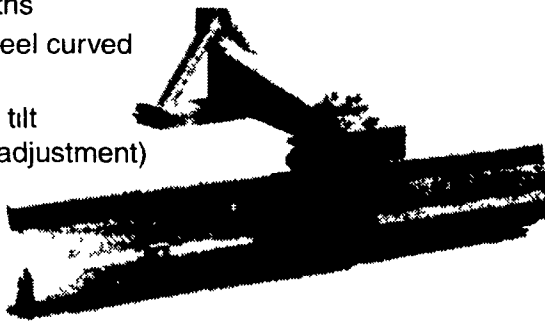
Walk onto bordering State Forest lands & East Creek from great furnished camp on 10+ acres in Covington Twp 3 room camp w/ramped porch, deck, privy, insulated & wired for propane heat/lights. **Just \$29,900. M-1196**

WOODS

REAR SCRAPER BLADES

Model RB750 & RB850
Heavy Duty Rear Blades

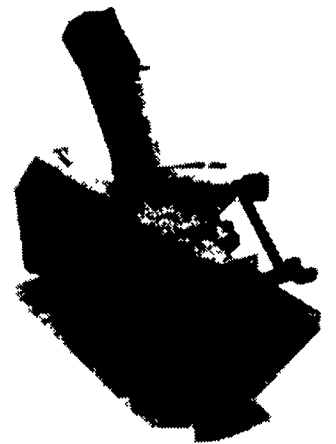
1. 84 & 96 inch working widths
2. Reversible high carbon steel curved cutting edge
3. Manual angle, offset and tilt features (optional hydraulic adjustment)
4. Rated up to 100 HP (10,000 lb. max weight)



SNOWBLOWERS

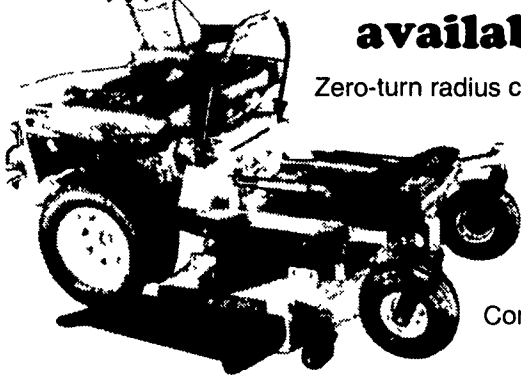
Tractor Mouted

1. 84 to 108 inch working width
2. Double 15 inch feeder augers (SB96 and SB108 only)
3. PTO drive shaft with shear pin shock protection
4. 200° Hydraulic chute rotator



NEW

It mows more grass. It reduces downtime. It's available right now.

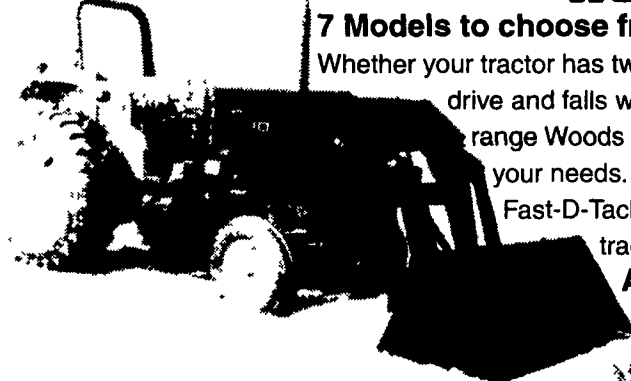


Zero-turn radius capability. Greater riding comfort. Easier operating controls. We've even designed an expanded fuel tank to keep you going longer. What more could we possibly add? How about a blades and belts kit* - absolutely free. Come in and test drive one today!

LOADERS

WOODS DUAL

7 Models to choose from.



Whether your tractor has two wheel or four wheel drive and falls within the 11 to 200 HP range Woods has a DUAL loader to fit your needs.

Fast-D-Tach attaches to your tractor in minutes.

Available in tractor matching colors

BACKHOES



Woods Ground Breakers™
6 1/2 ft., 7 ft. & 9 ft.

3 HOOK-UP OPTIONS
Skidsteer • 3-Point Hitch • Subframe

Quality, performance & versatility describe the Woods family of backhoes. Multi-function Control Valve design provides for a smooth operation. These backhoes are a proven leader in the agricultural & commercial industries. For more information, see your Woods dealer.

PUT A BAT IN YOUR BARN BATWING 3180 - 3 SPINDLE MOWER



The Woods model 3180 is the toughest Batwing® mower we've ever built. A "clean deck" design that resists cut material build-up, innovative Intra-Drive™ gearboxes engineered and built by Woods, and the fastest blade speeds of any mower in its class. The 3180 Batwing® cuts through brush, up to three inches in diameter. A blade overlap of over six inches, and you have a mower that delivers a quality cut, without streaking. From its heavy-gauge deckplate to its heavy-duty drivelines, we build the 3180 to last. What's more, they come complete with a 36-month gearbox warranty.

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or
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ERB & HENRY EQUIP. INC.
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WOODS